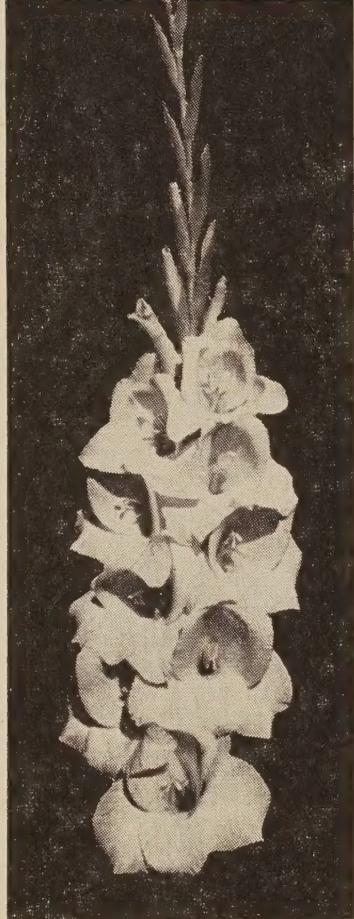


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GLADIOLUS
FANCIER'S
GUIDE BOOK
1951

CATHERINE BEATH

INCLUDING

VALLEEVUE TEST GARDEN REPORT OF
1950 GLADIOLUS TRIALS

CONDUCTED BY

BIOLOGICAL FIELD STATION OF
WESTERN RESERVE UNIVERSITY

AND

GARDEN CENTER OF GREATER CLEVELAND

HERBERT O. EVANS - SOLON, OHIO

INTRODUCTORY

AGAIN, this booklet is planned for you. It adopts your point of view. It gives you hitherto unpublished facts upon which to base your own conclusions. It is not cluttered up with fictitious values.

This is our 23rd annual catalog.

Undoubtedly you want others to admire your flowers, since appreciation of the general quality of your glads by your friends is gratifying. Our greatest effort is expended to eliminate your spending time on inferior sorts. To accomplish this we do not restrict our data to our own offerings and the more you read in this Guidebook the more you will be convinced that here is a little "instruction course" on Gladiolus with an irreducible minimum of bias.

For further valuable current literature on gladiolus, the one outstanding bargain is obtainable only through the Ohio State Gladiolus Society, the only society offering a four-way combination membership including The Canadian Gladiolus Society, the New England Gladiolus Society and the North American Gladiolus Council, all for \$5.25 . . . a \$7.50 value. Past experience relating to early exhaustion of the Year Book dictates the warning that acceptance of this offer should be made before the end of February. For more complete information see our "Society Page" page 35 hereof. Note the special Michigan Society offer.

Our business is growing by leaps and bounds. Our ability to answer correspondence on relatively unessential subjects has almost reached the vanishing point. We pack our booklet with many pages of answers to many questions we get nevertheless. Every question vital to the selection and growing of good glads we think we have already answered somewhere in this booklet.

However, we will not allow the business to reach the stage, all too common, where the proprietor no longer is able to personally inspect the outgoing stocks for complete freedom from injurious insects and bulb diseases. Our past customers know what quality of bulbs they will get. Our reputation for sound bulbs is more than national. Our reputation for offering only the very best varieties to be found around the world is equally broad. We plan to keep it that way.

Horticultural costs have gone up and will go higher. Paper and printing and cartons, too. Likewise postage and express costs.

A grower-cataloger of bulbs has certain inescapable costs: planting stock, use of land, its preparation, planting, cultivating, digging, hauling, curing, cleaning, grading, storage quarters, fumigating or other processes to combat insects and bulb diseases, advertising of one form or another, catalogs, postage, packing and shipping. There may be additional items of overhead such as clerical, irrigation, spraying, etc.

We do not issue a fall list and we do not solicit "pre-catalog" orders. Most of them require later revision because of abandoned varieties and price reductions. We do recommend that you place your order soon after receipt of this Guidebook to avoid, in so far as it is possible, the disappointment of sold out items.

Variety descriptions are vital to a cataloger's reputation. Yet the average cataloger, for the most part, copies the originator's description and trusts to luck. We think we try out but "junk" without listing more varieties than any cataloger in America. Most catalogers use their selling facilities to get rid of their "bad investments." The more varieties a cataloger lists, the easier it is to "cash out" a variety that has proved a disappointment to him. A variety has around thirty different characteristics to consider, relating to form, color, size, height, strength, substance, season, bulb health, propagation, etc. No cataloger can spare the time and space to describe them all, but we can and do report a glad's most interesting features and you may definitely assume, in the absence of specific mention of some undesirable traits, to the best of our knowledge and belief, the traits or habits not specifically mentioned are above the "satisfactory" level.

A large part of the information supplied annually in our Guide Book is primarily directed to other commercial growers and catalogers, who constitute about 70% of our total customers who obtain grower units of the newest varieties in sizes, amounts and price outlay of their own choosing. From such we meet no arguments about wholesale rates because they understand that either the new item has no lower wholesale rate or know we satisfactorily plus value the item to extent our stocks permit.

Over the years we have built up an enviable reputation for generous filling of orders by medium of overcount, oversize, samples of new sorts to try, free bulbs for society memberships, free memberships and color charts, etc.

We appreciate receiving a portion of your bulb purchases. We do not necessarily solicit it all.

HERBERT O. EVANS

Farm, State Route 91 SOLON, OHIO

CONFERENCES

Ohio Society, at Garden Center of Greater Cleveland, February 4th, 1951, 1:30-6:00 P. M. Principal speaker, Prof. Paul Krone of Mich. State College, who for many years has been considered the outstanding authority on Gladiolus in the middle west, probably in all U. S. Free admission to all interested.

Ohio Society, Bulb Auction, color slides, etc., Garden Center, March 17, 1951, 2:00 P. M. Free to all.

Ohio Society, Judging School, Garden Center, July 22, 1951, 2:00 P. M. with a tour of Valleevue Farm at conclusion of open meeting.

THE OHIO ANNUAL EXHIBITION, 1951

The Ohio state show, again at the wonderful Higbee Co. Auditorium on Cleveland's Public Square. Under same roof the R. R. Terminal Tower, the Cleveland Hotel and the Terminal Garage (largest in the world). Monday and Tuesday, August 27 and 28, 1951. No other shows scheduled to interfere with your coming. The world's quality show as well as one of the largest.

THE CHAGRIN FALLS (Ohio) SHOW

Conducted by the Chagrin Valley Men's Garden Club. At High School Gymnasium, Chagrin Falls, Ohio, on State Route 422 about 20 miles east of downtown Cleveland. Saturday and Sunday, September 1-2, 1951.

Ohio society participation, both in exhibiting and judging.

THE OHIO RECENT INTRODUCTION AND SEEDLING SHOW AT NEW LOCATION

Note the new location. At the Valleevue Farm where the Test Garden is located. Seven tenths of a mile east of State Route 91 on Fairmount Blvd. (About 2 miles north of intersection of 91 and US 422). (Our farm is 2 miles south of the same intersection, on 91). The date is Sunday, September 9, 1951. The facilities for show purposes are far superior to those at our farm. For picnicking, as well (bring your own basket). Full access to the Test Garden, where for instance, will be found all the projected 1952 K & M varieties, etc.

C A N D I D

Choose your own extras. Time is at great premium at shipping period. Heretofore, we have assembled old orders to new and examined them with view of ascertaining desirable extra items without duplication where the customer failed to mention such on the order sheet. Most orders now have 3 to 10 more clipped together. The very bulk of them is appalling and the task of studying them has become too great. So please read our new **Terms of Sale** carefully. With our stated liberal discounts in extra bulbs, new customers will know the least they can expect. Old customers need not think this is a device to put a ceiling on our customary liberality.

More and more of our successful show exhibitor customers are suggesting that their large bulb items be filled to extent able with divisions having sufficient food bulk to produce show blooms. The reason being that they seldom produce 2 spikes and they save the exhibitor the trouble of disbudding round jumbos down to one eye.

See our **WHITE ELEPHANT SALE** on page 33. This may be a potential headache but we must close out many varieties to obtain time and space for new material operations.

Our current year introductions and import releases, all outstanding new varieties, unquestionably set a new record for low introductory prices—just think of it—nine varieties ranging from 50c to \$1.50 per bulb. Prices on the other two are beyond our control but we consider them worthy, at their higher prices.

We have such a vast proportion of informative material in this Guide Book that it is necessary we become more brief in the variety descriptions, though descriptions are what produce orders and without orders the Guide Book would naturally cease. So kindly be mindful of our early declaration that traits or habits not specifically mentioned are above the "satisfactory level".

Our proximity to the large planting of new gladiolus material from world wide sources at Valleevue has been of vast assistance to us in our constant search for the best varieties in which to invest, propagate and offer to our customers. Catalogers visiting the Trial Gardens at Valleevue can obtain more valuable information on new varieties than by visiting 12 shows. For several years we have refrained from copyright of our Guide Book in order that publishers, catalogers and others may avail themselves, both our own data and the official report of the Valleevue Test Garden, which we have been publishing for the general benefit of the gladiolus industry.

We have close-up Kodachromes of 200 or more recent introductions of very high color fidelity, we believe the finest sizeable collection of recents extant. These may be borrowed free of any charges for winter gladiolus society meetings.

We ask our regular customers to read our variety descriptions from year to year. They are not static "originator's descriptions." We keep them up-to-the-minute in light of additional growing experience and other facts collected from world-wide sources.

As orders come in we keep a running inventory of sales vs. stocks, in order to be aware when a size or a variety is sold out. About May 1st we abandon this safeguard because of press of shipping work and preparation for our own plantings. On these late orders it is often difficult to know offhand if an item will hold out to the order number until reached.

It takes substantial money, time, travel, field and show study and wide knowledge of current offerings and ability to correctly assess their characteristics of growth and color harmony to separate the "sheep" from the "goats". The satisfaction we get in thus assisting the industry and our customers in the wise spending of their money for new material transcends our modest monetary gain and keeps us issuing new Guide Books.

FROM 1950 SHOW REPORTS

PA. (Pittsburgh) "Champion seedling was a delightful little entry of H. O. Evans in 101 class. It scored 88.5 by N. A. G. C. score."

E. INTERNATIONAL (Binghamton, N. Y.) "In the Recent Introductions, H. O. Evans won the Sweepstakes Trophy. Among his firsts, Chantenay, Skymaster, Louis Pasteur, Northern Queen, Devotion, Blue Domino, Peter Pan and Bo Peep."

OTTAWA DIST. (Ont.) "This year Mid-America was really the champion spike of the Dominion Test Garden and one of the spikes with 37-inch flower head, 8 open, second floret 6 inches was the giant of the show and grand champion for Mr. Buckley."

NATIONAL (Washington, D. C.) "Grand champion was a fine specimen of Mid-America shown by H. E. Ball."

W. VA. (Wheeling) "Some blues in the R. I. division were Wunchelrute, Polynesie, Tivoli, Kittyhawk, Meistersinger,

Circe*, Requiem, Flo. Nightingale, Evangeline, Velvet Dream, C. D. Fortnam, Tunia's Elite, Black Cherry, Annette. Dr. Webb's White Symphony was seedling and grand champion."

IND. STATE (Wabash) "The best R. I. and champion spike of the show was Boldface, entered by Joe Hartman."

N. W. OHIO (Toledo) Evans had point achievement in the R. I. division and had firsts with Fairy Queen, Blue Domino (2), Grace Moore, Velvet Dream, Keith, Blue Ice, Requiem, La Favorite, Bruno Walter, Aljechin, John Raffles, Hawaii, Twinkles and Frohsinn, also 4 section champs, one a giant lavender seedling by Dr. C. M. Evans of Calif., and the American Home Medal with "Polar Cub" a 200 ruffled white seedling with 9 open, 18 buds, double row arrangement. Manley won with Devotion, Benjamin Britten, Circe (2), Luxury, Redowa (2), Evangeline, Eiffel Tower, Reg. Leahy, Helen of Troy, Polynesie (2), Patrol, Atlantic, Lady Marian, Flo. Nightingale, Lady Jane, Sun Spot**, War Paint, Conn. Yankee, Spic & Span and Stormy Weather. Coble had best R. I. and reserve champion with Strathnaver.

CENT. INTERNAT. (Madison, Wis.) 565 miles of driving including an afternoon through Ind. on one of the hottest days of the summer "cooked" a car load of fine bloom for Evans. With some florets removed he managed a few firsts with Trocadero, Dinos, Hawaii, Circe, Charleston and a section champ with Peter Pan.

PA. STATE (Grove City) Evans dominated the R. I. division having firsts there with Devotion, Lava, Ataturk, Kittyhawk, Perpetuum, Helen Eaken, Polynesie, Fire Gleam, Jo Wagenaar, Jan Steen, St. Emillion, Ravel, Hawaai, Mont Blanc*, Dutch Master, Reg. Leahy*, Circe, Anthony Fokker, Skymaster, Redowa, Magnificat, Tunia's Masterpiece, Memorial Day and Tunia's Wizard. Evans' seedling H7528 (Polar Cub) collected two special premium blues, a Pa. rosette and a N. E. G. S. rosette for the top rated seedling, scoring 82.5. Platell's Boise Belle was grand champion.

TRI STATE (Wellsville, O.) "Evans had most points in the R. I. division and collected firsts on Lava (2), Fay (Both), Ataturk, Rumba, Kittyhawk, Circe, Dutch Master, Reg. Leahy, Tunia's Delight, Maureen Gardner, Veerberg,

Marshall Montgomery, Geo. Mazure, Velvet Dream, Helen Eaken, Polynesie, Northern Queen, Winston Churchill, Folklore, Aljechin, and Jan Steen.

OHIO STATE (Cleveland) "The R. I. division brought out 211 different varieties. H. O. Evans received the Achievement Trophy for most points in the division with Tom Manley a close runner-up. Thirty 3-spike seedling entries were scored for possible Awards of Merit and American Home Medal. Evans seedling, now named Luxury, scored 91, the highest Award of Merit rating given by the Ohio society in many years, also winning the N. E. G. S. Silver Medal for top score seedling but it was ineligible to receive the American Home Medal, having won it the year before. Evans' display was composed of baskets, vases and spike arrangements along the entire east side of the auditorium. All varieties were properly named and the entire setting artistically arranged. All varieties were recent introductions. With the Higbee Company again supplying hand painted scenery, settings, accessories and giant containers, Evans also filled the stage of the auditorium with massive arrangements. The Supervisor of Judges estimated that Mr. Evans furnished 3000 spikes for show use and his displays.

"The Valleevue Test Garden display contained about 50 varieties most of which are not yet introduced in America.

"A 3-spike entry of Boldface by Mr. Knierim scored 84 and received O.S.G.S. Award of Merit, also a 3-spike entry of Golden Flute by Joe Hartman scored 86 for a similar award. Most points in commercial competitive arrangement division went to Evans, as did most points in show available to a commercial grower. For this he received the N. A. G. C. Medal."

OHIO (Valleevue) "Most points in R. I. division to Evans with Tom Manley and Wells Knierim not far behind. Evans had 8 new whites entered in the 500 class but Knierim's Strathnaver, 10 open, 25 buds in prime condition to the end of the show was best, going on to grand champion. In the Seedling Division Evans' 3-53 (Luxury) became section, division and champion seedling of the show. Manley's entry Palette (Kooy) 437, a scarlet with blue in the throat, was Color Champion.

OHIO (Chagrin Falls) "Tom Manley had most points in the R. I. division. His 3-spike entry of Evans' giant orange pink seedling (Luxury), cut from the Test Garden, was champion 3-spike seedling and best 3-spike entry in the show, beating Evans' 3-spike open division champ Evangeline. In the 1-spike

divisions Secrest's seedling 312 (Golden Boy) was seedling champion and warded off the competition of the best named varieties and went on to grand champion. Dr. Pease's Evangeline had 11 open and Joe Hartman's Golden Flute was 7½ inch diameter.

OHIO (East Liverpool) H. O. Evans of Solon, Ohio had most points in the gladiolus show with 358, acquiring six trophies, a N. A. G. C. medal and other awards, winning with Reg. Leahy, Kawatiri, Boldface, Regal Red, Sky-master, General Eisenhower, Mid-America, Menelik, Evangeline, Eiffel Tower, Tunia's Aristocrat, Tunia's Elite, Orange Gold, Polynesie, Spitfire, Joh. von Konynenburg, Ravel and Pastel. Also his 3-53 seedling (Luxury) was 500 series champ as were two others in the 400 and 2-100 series. He had largest floret (Mrs. White), smallest (Coral Bells) and most novel (Frohsinn). His best R. I. (Strathnaver) went on to become grand champion and his spike of Catherine Beath (Coutts), a very deep yellow, was Color Champion.

NOTE that our rather substantial number of winning spikes were all field grown, without irrigation or any pampering whatever other than the fertilization and cultivation everything gets for bulb production. And we confine our entries largely to competition in the Recent Introductions division, where we encounter well grown spikes from Valleevue.

SIZE OF BULB TO BUY

If economy be the aim, do not rely on small bulbs to give wholly satisfactory blooms. The small bulbs will all bloom but medium bulbs almost always give far better than "medium" sized spikes of the given variety. Our descriptions usually indicate whether or not the variety is an exceptionally fine producer of blooms from the smaller sizes.

Commercially, bulbs are graded into 6 sizes. Size 6 is under ½ inch diameter and other sizes range up to every ¼ inch, the number 1 bulb being 1½ inch up. Catalogs commonly offer bulbs as L (large) (sizes 1 and 2) (1¼ inch up); M (medium) (sizes 3 and 4) (¾ to 1¼ inch); S (small) (sizes 5 and 6) (½ to ¾ inch) and Blts. (bulblets, the little hard shelled cormels which cling at the roots of the bulb).

The size (bulk) of bulb you purchase determines the amount of food with which you are starting to produce a given spike.

COLOR AND SIZE CLASSIFICATION

The color separations as used by the New England Gladiolus Society, coupled with reference to the "Fischer" Color Chart and the size and color classification of a 1944 national gladiolus conference adopted by the North American Gladiolus Council in 1946 and now used by most of the 40 or more gladiolus societies in the U. S. merit your attention. We brief them here because it will enable you to understand our show and symposium tabulations and enable you to make judicious use of our method of cataloging varieties in their own color groups where the variety descriptions and prices may be readily compared. Our catalogs for a full twenty-three years have offered their varieties by color groups. This brief will also give you a rather complete understanding of any gladiolus show you may visit in the U. S.

Over the years we have participated in the development of these systems and with standards for scoring, five years while executive chairman of the American Gladiolus Society, five more as executive chairman of the Ohio State Gladiolus Society and this is our eighth year on the National Classification Committee and two years for the Valleevue Test Garden.

SIZES

Giant	500 series	5½ inches and up
Large	400 series	4½ to 5½
Medium	300 series	above 3¼ to 4½
Small	200 series	2½ through 3¼
Miniatute	100 series	under 2½

Thus the first digit of the 3 digit number indicates the size range of the floret of the gladiolus in question.

COLOR SEPARATIONS

These are the 2nd and 3rd digits of the 3 digit numbers. The first of these represents the color group. The second denotes the depth of color within the group. If the color is without conspicuous

marking this last number will be even. If the color has conspicuous marking the next higher odd number will be used. The color variations refer to the revised Fischer Color Chart which is further mentioned on our "Society" pages at the end of our catalog.

00 White	00	(without conspicuous marking)
	01	(with, etc.)
Cream	06	paler than Y6 and GY6
10 Yellow	10	Light. (Y5-6)
	12	Deep. (Y2-3-4)
Buff	16	(Y6, Y06 and paler)
20 Orange	20	Light. (05-6, Y05 and paler)
	22	Deep. (Y2-3-4, Y03-4, 02-3-4-5)
	24	Red O. (R02-3)
30 Salmon	30	Light. (R05-6 and paler)
	32	Deep. (0R5-6, R04)
36 Scarlet	36	(R3-4)
40 Pink	40	Light. (R6 and paler)
	42	Deep. (R5)
50 Red	50	Light. (R4)
	52	Deep. (R3)
	54	Black. (R1-2, 0R1-2)
60 Rose	60	Light. (Nearest R5, trace of V)
	62	Deep. (Nearest R3, trace of V)
66 Lavender	66	(VR3-4-5-6, RV3-4-5-6)
70 Purple	70	(RV1-2, VR1-2)
76 Violet	76	Light. (V4-5-6, BV4-5-6)
	78	Deep. (V1-2-3, BV1-2-3)
80 Smoky	80	Containing gray. (Can subdivide)
	82	(Orange smoky)
	83	(Salmon smoky)
	84	(Pink smoky)
	85	(Red smoky)
	86	(Lavender or rose smoky)
90 Any other color.		(mostly brown shades)

Glads now readily fall into place. The giant, unmarked white Strathnaver is 500. Boldface 533 being a giant deep salmon and blotched. Kittyhawk 366 being a medium sized lavender, etc.

1950 REPORT VALLEEVE TEST GARDEN

The 1950 Report, as published by the Garden Center of Greater Cleveland, is composed of four parts, with data relating to Amaryllis, Gladiolus, Hemerocallis and Tulip trials. The Gladiolus trials report follows in this Guide Book. Should any of our readers be interested in any of the other trials please address Mr. Thomas R. Manley requesting the complete 1950 Report.

Any hybridizer may enter varieties in the test garden. Requirements are: 6 large, 6 medium corms and 25 cormels for U.S.D.A. tests to be sent to Thomas R. Manley, Garden Center of Greater Cleveland, East Boulevard at Euclid, Cleveland 6, Ohio. Shipments should be made from March 15 to April 15 in order that the proper care and planning be maintained.

GLADIOLUS TRIALS

The Valleevue Trial Gardens tested 485 varieties of gladiolus during the past season, well over twice as many as in 1949.

About 100 standard and best previously tested varieties were grown alongside for comparison purposes, including Boldface, Circe, Conn. Yankee, Cotillion, Evangeline, Firebrand, Florence Nightingale, Leading Lady, Mid-America, Mighty Monarch, Patrol, Polynesie, Prof. Goudriaan, Ravel, Red Charm, Salman's Glory, Strathnaver, Sun Spot, Tivoli, White Beater, Etc.

The pages for recording data on each variety provide 109 blanks, most of which ultimately get answered. 28 deal with name, source, stock, soil, fertilizer, etc., 57 deal with foliage, flower head, stem, floret, etc., 15 deal with color, 3 with propagation, 3 with disease resistance tests by U. S. Dept. of Agriculture at Beltsville, Maryland, and 3 deal with ratings.

Some light should be given on the enormity of the task the Trial Garden has in fulfilling its obligations to those who submit material each season. Further memos have been kept to check the various man-hours required to grow these plants, tabulate their characteristics, and judge them and prepare the records for printing to apprise the industry, its members submitting varieties for trial and the public interested in gladiolus. Over 2500 man-hours were required. Plainly, it is an enormous task and the expense likely well beyond the means of any gladiolus society. The volunteer contribution of much time by various members of the Ohio State Gladiolus Society is deeply appreciated.

Varieties from 59 hybridizers in the United States, Canada, Australia, New Zealand, Germany, Holland and England were rated for color value, exhibition and commercial value.

In checking over the varieties submitted, certain colors predominate, indicating present trends in hybridization. There were 48 yellow, 45 lavender, 41 light pink but only 6 light violet, 4 deep violet, 2 smoky and 2 A.O.C. (any other color). The yellow group had in it the finest yellows ever displayed. They certainly spell doom for many of our present yellows.

Of the 485 varieties tested, a total of 55 rated at least one A, 13 or more of them secured A or AA in both Exhibition and Commercial, 27 of them one A and one B, the remaining 15 secured one A and one C. Further, 31 rated BB, 54 Rated one B, the other a C or D, and the entire balance of 345 rated assorted Cs and Ds. The ratings of these 345 are not published but are supplied to the parties interested. They contain the names of many currently well publicized sorts.

To a very limited extent, where it is known that unhealthy bulbs were supplied or the hybridizer feels that the performance was inconsistent due to condition on arrival of stocks supplied, a further test will be made if a new stock of sound bulbs is supplied. However if the rating appears based substantially on low color value, a further test would be close to hopeless.

Gladiolus persist because they are beautiful. Since a variety with an unattractive color is relatively worthless, regardless of how many other growing and exhibiting characteristics are good, the first fundamental in rating gladiolus is its color appeal. If it fails there, our advice is to abandon it, the sooner the better, and try again. Fortunately the color of a gladiolus is relatively stable, regardless of the geographical location where bloomed. The season was relatively cool, with plenty of soil moisture, included a hot spell and a wet, soggy, watersoaking spell, all of which gave wide opportunity to check for inclement weather damage to color and petal substance.

Several of the foremost color judges in America live close by, all members of the Ohio Gladiolus Society which is currently foremost in influencing exhibition judges to give full measure of consideration of the scoring points awarded to color. With color relatively stable, though variably subject to damage by adverse weather, with competent judges, this Test Garden is able, on one year test in one location, to give relatively accurate color ratings.

We recognize pitfalls in our endeavor to render commercial ratings from performance in one geographical location of only 6 large and 6 medium bulbs (and 25 bulblets for test for disease resistance in Maryland). However again we are fortunate in having large acreage of gladiolus in this vicinity growing many of these varieties in all sizes in quantity both for cut flowers and for bulb production. Our observation of their performance adds to our total information.

GLADIOLUS RATINGS

Data presented, in order of listing.

1. Name of Variety.
2. Name of hybridizer or source of stock if hybridizer is not disclosed.
3. Year of introduction in North America. If not introduced, the initials NI indicate the fact.
4. Color and Size Classification by North American Gladiolus Council standards.
5. Season of bloom. VE (very early) under 65 days; E (early) 65-75; EM (early midseason) 75-85; M (midseason) 85-95; LM (late midseason) 95-100; L (late) over 100 days.
6. Color value. Poor under 80; Good (having only minor color faults) 85-90; Excellent over 90; Perfect 100. A study of comparative ratings in same color classification gives one a good conception of the value of these color ratings and the high degree of care used in judging color values.
7. Exhibition use rating. AA—Superior; A—Excellent; B—Good; C—Fair and D—Poor. Based on all qualities entering into production of prize winning blooms and giving proper consideration to the proportion of good exhibition bloom obtainable from the quantity grown.
8. Commercial use rating. Indicated AA to D as above. The best Commercial gladiolus, commonly, is the best Exhibition gladiolus which has also those characteristics enabling the commercial grower to maintain healthy stocks with easy propagation; one which blooms well from planting stock, has good placement and attachment, produces blooms at seasons wanted, has sufficient length and bud count, cuts, keeps, ships, and opens easily though cut in tight bud and above all has that high degree of color value which moves the variety easier and at better price than others offered in the same color classification having inferior color value. On occasion, attractive form of floret assists in this respect.
9. Brief color descriptions are added to A rated varieties.

VARIETY	Source	Class	Yr. Intro. In America	Season	Color Val.	Rating Exh.	Rating Com'l
ABESSINIE	K & M	454	NI	E	89	A	
	Mahogany, slightly lighter in throat.						
ADONIS	Woods	500	49	VE	89	B	B
ALFRED NOBEL	Salman	443	NI	M	85	B	B
ANGELA LYNN	Barrett	406	50	M	89	A	A
	Clean cream, blending deeper. Ruffled.						
ANTIETAM	Snyder	452	48	LM	86	B	B
ARC de TRIOMPHE	Frans	410	NI	LM	85	B	B
ARTHUR RANK	Visser	540	51	E	89	A	A
	Huge light shell pink, faint buff suffusion.						
ATATURK	Salman	354	51	E	86	B	
ATHENE	Kuhn	400	49	E	89	A	A
	Clean white. Buds creamy. Many open. Long heads.						
ATTRACTION	Goddard	566	50		90	A	B
	Clean light lavender, shading deeper in throat. Waved.						
AUGUST MOON	Rich	410	49	M	89		B
BENARES	K & M	543	NI	M	86	B	B
BIG JOE	L. W. Wils.	552	50	LM	88	A	B
	Medium red, cream line on lips.						
BISHOP'S SCEPTER	Pfitzer	470	NI	E	84	B	B
BLONDIE	Lins	406	48	M	87		B
BOCCHERINI	K & M	423	NI	E	93	A	B
	Lively, metallic, deep scarlet orange, wide, clean cream dart.						
BOISE BELLE	Roberts	443	48	L	86	A	B
	Outer area deep pink, inner area yellow, about equal. Color improves under artificial light. Many open.						
BONFIRE	Fischer	436	50	M	90	AA	A
	Fiery scarlet self. A name duplication.						
BONNY	White	230	50	LM	89	A	
	Light salmon pink, faint rose peppering on creamy white throat.						
BO PEEP	Butt	240	48	VE	87	AA	
	Buffy light pink, faint red peppering on yellow throat. Very ruffled.						

VARIETY	Source	Class	Yr. Intro. In America	Season	Color Val.	Rating Exh.	Rating Com'l
BROADWAY MELODY	K & M	532	NI	EM	87	B	B
CALVARY	Salman	400	NI	M	92	B	A
	Dead white, slight violet brush very deep in throat.						
CARDINAL SPELLMAN	Byvoet	562	NI	EM	84		B
CATHEDRAL	K & M	406	NI	EM	88	A	B
	Greenish cream, paling into cream. Green buds. Many open.						
CATHERINE BEATH	Coutts	412	51		94	AA	A
	Very clean and deep yellow. Good habits.						
CHATTERBOX	Stinson	437	NI	M	86	B	B
CHINOOK	Lines	532	49	M	85	B	B
CINDY	Hartman	440	NI	M	85	B	B
CITATION	Beaton	542	49	LM	87	B	A
	Medium deep pink, some cream in throat. Tall.						
COACHMAN	Woods	430	49	M	86	B	
CORONET	Palmer	366	49	EM	87	B	
DAYBREAK	Harris	516	50	EM	87	A	B
	Buff with creamy blush, cherry marks on cream throat.						
DELTA	K & M	422	NI	M	86		A
	Orange with deep red line in throat. Florets waved. Heavy substance.						
DOLLY VARDEN	Harris	533	50	L	88	A	B
	Deep red salmon, occasionally slightly feathered and etched, large clean cream throat that extends on ribs.						
DR. PHILLIPS	Salman	411	NI		88	A	B
	Light yellow, light cherry mark, somewhat scratchy, on deep yellow throat.						
DR. PRYOR	Burns	551	49	L	86	B	B
DUTCH MASTER	Salman	501	50	M	89	A	
	Clean, silvery, creamy white, carmine brush on deep cream throat. Large flowerheads.						
DYNAMO	Salman	536	50	LM	88	B	
ECLIPSE	Salman	462	NI		83	B	
EIGHTH ARMY	Salman	452	NI	LM	85	B	
ESQUIRE	Ficht	536	50		88	B	
FALCON	Woods	566	49	M	84	B	B
FLORISTS' GLORY	Burns	576	51		86	B	B
FLYING WING	Visser	400	NI		88	A	
	Clean creamy white, blending into cream throat.						
FRANCESCA	Toben	566	50	M	87	B	B
FREEDOM	Fischer	401	49	E	80		
FRIENDSHIP	Fischer	440	49	VE	90		
GARNET GLOW	Rich	454	50	M	86	B	
GELBER HERCULES	Pfitzer	410	NI	LM	86	A	B
	Tall light yellow, shading deeper into throat. Much bud color.						
GENE	Farr.	310	49	E	88	B	A
	Clean medium deep yellow. Ruffled.						
GENERAL MARSHALL	K & M	437	NI	E	87	B	
GLORIOSA	Preyde	440	NI	M	85	A	
	Soft medium-pink, slight violet pepper on creamy white dart.						
GOLD CHEVRON	Beaton	310	50	M	90	B	
GOLDEN BOY	Secrest	312	NI	M	89	A	B
	Clean medium-deep yellow.						
GOLDEN FLUTE	Hartman	511	50	M	88	A	
	Very light yellow with slight pink cast. Cherry pencil and slight brush on deep yellow lip petal.						
INDIANA	Salman	554	NI		87	B	
IVORY SWORD	Preyde	406	NI	EM	86		B
JAMBOREE	Pruitt	422	49	EM	85	B	
JINGLES	Lins	230	49	M	86	A	
	Waxy light coral salmon. Ruffled.						
KASHMIR	Allen	470	50	M	84	B	B
KIM	Palmer	362	50	L	79	B	
KITTYHAWK	Both	366	48	EM	86	A	B
	Delicate lavender, may feather somewhat deeper to edges. Lavender violet pepper in throat ending in creamy white dart. Many open. Strong habits.						
LA VALLE	Lines	507	49	EM	86	B	
LEIF ERICSSON	K & M	506	NI		86	A	A
	Clean light cream, faint pepper brush. Vigorous.						
LENORA WELCHLEN	Pierce	432	50		84		B

VARIETY	Source	Class	Yr. Intro. In America	Season	Color Val.	Rating Exh.	Rating Com'l
LEONORE	Byvoet	443	NI		89	B	A
				Medium pink, slight rosy cast, large, clean creamy white throat.			
LILA WALLACE	Fair.	462	47	EM	85		B
LINDA LOU	Farr.	310			87		B
LODESTAR	Palmer	410	50	M	92	B	A
				Clean, medium-deep yellow. Some iridescence.			
LUXURY	Evans	530	51	M	92	A	A
				Very large, unmarked, light orange pink. Creamy blend on lip petal.			
				Strong habits.			
MAGIC WAND	Lins	440	50	M	85	B	B
MAMIE	Requa	432			85		B
MANSFIELD	Hatch	540	50	M	87	B	B
MAUREEN GARDNER	Preyde	501	51	E	87	A	B
				Clean white, red violet brush on cream on lip. Long heads, many open, vigorous.			
MAURRIE TREVAN	Both	454	46	LM	84	A	
				Velvety black red, slight deeper mottling. Long heads.			
MAZDA	Leff.	416	50	M	87	B	B
MEG	Pruitt	412	49	M	88	A	B
				Clean deep yellow. Ruffled, pointed and creased.			
MELBOURNE	B & P	507	NI		85	B	B
MELLOW MOON	Snyder	420	50	M	84	B	B
MENELIK	Salman	554	50	LM	90	A	B
				Clean black red with rosy tinge, blending deeper into throat, blue-toned purple line on ribs. Immense spikes, many open.			
MERCATOR	K & M	477	NI		87	B	
MGR. SHEEN	Salman	400	NI		85	B	
MISS HOLLAND	K & M	560	NI	E	89	A	A
				Light rose but deeper than that of Tivoli. Very faint brush in creamy throat.			
MISS MADISON	Woods	540	50	M	87	B	
MONTREAL	Kooy	532	NI		83		B
MOONGLOW	Secrest	410	NI		88	B	B
MOUNT BAKER	Cave	501	50	L	82		B
MT. GEM	Requa	552	46	M	86		B
NECTAR	K & M	476	NI		85	B	B
NEGUS	Salman	354	NI	M	88	A	B
				Black red. Slight mottling. Many open.			
NEW YORK	Salman	562	51	EM	89	AA	A
				Very deep rose, deeper than blood red but definitely rosy. Strong habits.			
NORMA	Secrest	460	NI		87	B	A
				Self medium rose, deeper than Tivoli.			
NORTHERN LIGHTS	Stinson	400	49	M	88	A	B
				Creamy white, blue violet stripe on cream throat. Waved. Many open.			
NORTHERN QUEEN	Preyde	530	NI	M	80	B	
NOWETA ROSE	Fischer	562	50	M	86	B	
PALACE	K & M	400	NI		88	A	A
				Clean blush white with green tinge.			
PALETTE	Kooy	437	NI	M	89	A	B
				Clean, hot, deep scarlet, wide, solid blue violet brush in throat.			
PARTHIENA	Hitch.	566	49	M	84	B	
PEACOCK EYE	K & M	577	50		86	B	
PETER PAN	Butt	233	50	E	85	A	
				Deep orange salmon, throat deeper. Very ruffled.			
PINK OPAL	Stinson	440	NI		87	B	A
				Medium-deep pink, rose peppering on cream throat.			
PINK SATIN	Barrett	442	50	M	84		B
PRIDE OF PITTSFIELD	McGuire	532	49	M	82	B	
PRINCE CARNIVAL	Preyde	311	NI	M	80		B
PROF. PICARD	Salman	578	NI	LM	89	B	
PROMINENT	K & M	410	NI		86		B
PURE GOLD	Burns	312	49	E	90	B	B
QUIBERON	Errey	416	49	M	86	A	B
				Deep buff, orange tinge. Color almost as Susquehanna. Many open.			
RAPIDS PRINCE	Stinson	442	50	M	86	B	B
REGAL RED	Fischer	536	49	L	87	B	A
				Clean scarlet. Quarter inch cream dart running well out on lip petal. Vigorous.			

VARIETY	Source	Class	Yr. Intro. In America	Season	Color Val.	Rating Exh.	Rating Com'l
RETTA JO	Farr.	410	50	M	92	A	B
	Greenish light yellow self.						
R. M. RILKE	K & M	476	NI		89	B	B
ROBERT ALAN	Lorenz	412	49	M	90	A	A
	Clean deep yellow. Good habits.						
SALMAN'S ELITE	Salman	500	NI		85		B
SEASHELL	Roberts	540	49	M	85		B
SEQUIN	Palmer	410	49	E	92	B	B
SEQUOIA	Scott	522	50	E	88	B	B
SILCHERLIED	K & M	441	50	E	84		B
SIMSON	B & P	432	NI		84		B
SKYLARK	Palmer	523	48	M	86	A	
	Orange, blending into yellow throat. Spectacular.						
STATUETTE	Butt	213	50	M	85	A	
	Clean medium yellow, prominent purple throat.						
STERLING	Harris	566	50	M	84	B	
SUGGESTION	K & M	531	NI		85	B	B
SUMMERTIME	Stinson	510	NI	M	87	B	A
	Creamy yellow, medium yellow throat. Many open.						
SUNDANCE	Almey	412	49	M	89	A	AA
	Clean medium yellow. Ruffled. Excellent habits.						
SWEET SIXTEEN	Fischer	440	NI		90	R	B
THOUS. & 1 NIGHTS	K & M	378	NI	M	80	B	
TOLEDO	Visser	460	NI		84	B	B
TREASURE ISLAND	Lins	540	47	M	89		B
TUNIA'S CHALLENGE	Both	510	50	M	86	B	
TUNIA'S MASTERPIECE	Both	566	47	EM	84	B	
TWINKLES	Butt	232	48	E	86	A	
	Deep orange salmon, red lines on yellow throat. Very ruffled.						
VELVET DREAM	De Be	570	50	EM	87	B	
VELVET MANTLE	Fischer	454	49	M	88	R	
WATERMELON DELIGHT	White	542	50	M	88	B	B
WERDA	Visser	436	NI		85		B
WHITE CITY	Visser	400	NI		86		B
WHITE GODDESS	Roberts	500	48	EM	88	A	A
	Creamy white with creamy throat. Ruffled, ribbed, many open.						
WILLEM BARENZ	Salman	500	NI		89		B



Bloom at Valleevue Farm on show date, September 10, 1950.

TABULATION OF RATINGS BY COLOR GROUPS

Omitted last year to make room for the Valleevue Test Garden report. Many customers voiced the hope that it would return to help them compare values available in the industry within a given size and color. No effort is made to limit the information to varieties offered for sale in this guide book.

We have tabulated to size and color varieties tested by the Valleevue Test Garden in the last two years, listing first those given an A rating in 1949, followed by those which secured a B rating. No Cs or Ds. We include the color rating, of course.

Next, in same sequence, we list those rated in 1950. These differ in that the ratings are here separated—the first capital letter being its Exhibition use rating and the second its Commercial use rating. If rated both years only the last rating is used.

Since there are some other varieties, mostly older but well established standard varieties which have not been rated by the Valleevue Test Gardens, the quality of which warrant their inclusion for comparative study, we have added an additional listing below an open space of all we can think of that appear to qualify. No doubt we have missed a few. Our long experience with most of these varieties, in our opinion, enables us to give a fairly accurate rating.

If you consider we should have included mention of some particular recent variety, kindly also remember that 103 varieties receiving Cs and Ds in 1949 and 345 receiving Cs and Ds in 1950 have been automatically excluded.

GIANT

500 Series (over 5½ inches)

500 White —

Morning Kiss 85-A
Strathnaver 96-A
Anzacs 89-B
White Goddess 88-A-A
Adonis 89-B-B
Salman's Elite 85-0-B
Willem Barendz 89-0-B

Our rating, etc.

Snow Cruiser 88-A-C
Leading Light 86-A-D
Silver Wings 91-B-B
Mt. Kosciusko 87-B-D

LARGE

400 Series (4½-5½ incl.)

400 White —

White Wings 86-A
Lily White 83-B
Perpetum 90-B
Snow Maid 90-B
Vrede 90-B
White Standard 82-B
Athene 89-A-A
Calvary 92-B-A
Flying Wing 88-A
Northern Lights 88-A-B
Palace 88-A-A
Mgr. Sheen 85-B
White City 86-0-B

Our rating, etc.

Florence Nightingale 84-AA-A
Igloo 85-B-C
Spindrift 83-B-C

MEDIUM

300 Series (3½-4¼ incl.)

300 White —

Lourdes 86-B

Our rating, etc.

Tunia's Snowball 89-A-D

501 White +

Dutch Master 89-A
Maureen Gardner 87-A-B
Mount Baker 82-0-B

Margaret Beaton 88-A-B
White Challenge 83-A-C
Violet Dickinson 86-C-B
Mrs. M. J. White 83-B-D

401 White +

Freedom 80-B

Mt. Index 88-A-B
Caribou 83-A-D

300 White +

506 Cream

Salman's Glory 92-AA
Annie Amelia 90-A
Prof. Goudriaan 90-A
Leif Ericsson 86-A-A
Melbourne 85-B-B
La Valle 86-B

Leading Lady 90-AA-A
Reg. Leahy 84-AA-C
Connie G 88-A-D
Stratosphere 84-B-C

406 Cream

Ad Rem 84-B
Beersheba 86-B
Helen Eaken 87-B
La Paloma 84-B
Angela Lynn 89-A-A
Cathedral 88-A-B
Blondie 87-0-B
Ivory Sword 86-0-B

Lady Jane 88-A-AA
Sincerity (Errey) 84-B-C
Joe Stalin 84-B-C

306 Cream

Green Light (406) 89-B-C

510 Light Yellow

Golden Flute 88-A
 Summertime 87-B-A
 Tunia's Challenge 86-B
 Sir Galahad 86-B-C

410 Light Yellow

World Beater 90-A
 Lancelot 87-B
 Record 86-B
 Dr. Phillips 88-A-B
 Gelber Hercules 86-A-B
 Lodestar 92-B-A
 Retta Jo 92-A-B
 Arc de Triomphe 85-B-B
 Moonglow (Secrest) 88-B-B
 Sequin 92-B-B
 August Moon 89-0-B
 Prominent 86-0-B

310 Light Yellow

Devotion 88-B
 Gene 88-B-A
 Gold Chevron 90-B
 Linda Lou 87-0-B
 Prince Cardinal 80-0-B
 Mother Kadel 88-B-B
 Wunchelrote 83-B-B
 Elizabeth Maier 83-B-C

Aureole 86-B-C

512 Deep Yellow

Golden Favorite 85-B
 Garden Gold 85-A-D

412 Deep Yellow

Bouton d'Or 92-B
 Golden Ophelia 89-B
 Yellow Marvel 90-B
 Catherine Beath 94-AA-A
 Meg 88-A-B
 Robert Alan 90-A-A
 Sundance 89-A-AA
 Spotlight 85-A-AA
 Gold 89-A
 Cathay 87-B-C
 Golden Beauty 84-B-C

312 Deep Yellow

Sky High 90-A
 Belle Jaune 85-B
 Gold Rush 89-B
 Golden Boy 89-A-B
 Pure Gold 90-B-B
 Solid 89-A-B
 Golden Goddess 89-A-D
 Perdita 85-B-C

516 Buff

Daybreak 87-A-B
 Helen of Troy 87-A-B

416 Buff

Hugh Price 92-AA
 Stralia 91-AA
 Paetolus 89-A
 Sun Spot 88-A
 Fay (Both) 88-B
 Meistersinger 86-B
 Rialgar 85-B
 Mazda 87-B-B
 Quiberon 86-A-B
 Patrol 84-AA-B
 Kawatiri 86-B-C
 Sunlight 85-C-B

316 Buff**520 Orange**

Circe 92-AA
 Chief Pontiac 86-B
 Skylark 86-A
 Sequoia 88-B-B
 Tunia's Delight 91-A-B
 Daisy Mae 80-B-B

420 Orange

Huahina 85-B
 October Sunshine 86-B
 Boccherini 93-A-B
 Delta 86-0-A
 Mellow Moon 84-B-B
 Jamboree 85-B
 All Glory 85-B-B
 Tuts Both 86-B-B
 Orange Gold 87-B-C
 Dazzler 87-B-D

320 Orange

Orange Prince 85-B-C

530 Light Salmon

Ancaster Fair 85-B
 Luxury 92-A-A
 Suggestion 85-B-B
 Northern Queen 80-B
 Picardy 89-A-A
 Gorgeous Deb 87-A-C
 Mrs. E. Both 91-B-C

430 Light Salmon

Polynesie 90-A-A
 Ann Stralia Both 89-B
 Tunis 86-B
 Coachman 86-B
 Victory Queen 87-A-C
 Marlene Both 89-B-B
 Ace of Hearts 86-B-B

330 Light Salmon**532 Deep Salmon**

Boldface 92-AA
 Royal Pink 85-B
 Dolly Varden 88-A-B
 Broadway Melody 87-B-B
 Chinook 85-B-B
 Montreal 83-0-B
 Northern Queen 80-B
 Pride of Pittsfield 82-B
 Normandy 84-B-B
 King Alfred 84-B-B
 Marion Pearl 86-B-C

432 Deep Salmon

Lenora Welchen 84-B
 Mamie 85-B
 Simson 84-B
 Spitfire 84-A-A
 Tunia's Fancy 89-B-C

332 Deep Salmon

Glorious 85-A-C

536 Scarlet

Poppy Day 85-B
 Victory Day 87-B
 Big Joe 88-A-B
 Regal Red 87-B-A
 Dynamo 88-B
 Esquire 88-B
 Destiny 84-A-B
 Algonquin 86-A-8

436 Scarlet

Fire Gleam 84-B
 La Favorite 87-B
 Louis Mayer 85-B
 Niels Bohr 84-B
 Popular 87-B
 Bonfire (Fischer) 90-AA-A
 Palette 89-A-B
 Chatterbox 86-B-B
 General Marshall 87-B
 Werda 85-0-B
 Dieppe 88-A-A
 Carnival 90-A-B
 Joh. v Konynenburg 86-B-A
 Pfitzer's Century 87-C-A
 Tarawa 82-B-B
 Red Cherry 82-B-C
 Mrs. A. B. Street 85-B-C
 Red Wing 83-B-C

336 Scarlet

Rhett Butler 84-B
 Mrs. R. McGovern 82-B-C

540 Light Pink

Evangeline 86-A
 Hearts Desire 86-B
 Pres. Truman 89-B
 Arthur Rank 89-A-A
 Mansfield 87-B-B
 Miss Madison 87-B
 Seashell 85-0-B
 Treasure Island 89-0-B
 Stella Antisdale 84-A-B
 Big Top 82-A-C
 Prosperity 84-B-B
 Mystery 83-B-C

440 Light Pink

Beauty's Blush 89-B
 Peerless Pink 89-B
 Gloriosa 85-A
 Pink Opal 87-B-A
 Cindy 85-B-B
 Magic Wand 85-B-B
 Silcherlied 84-0-B
 Sweet Sixteen 90-B-B
 Friendship 90-0-B
 Conn. Yankee 87-A-C
 Greta Garbo 89-B-A
 Phantom Beauty 82-B-B
 Mrs. P. Costa 89-B-C
 C. D. Fortnam 85-B

340 Light Pink

Sweetheart 83-B-C

542 Deep Pink

Cotillion 85-A
 Gen'l Eisenhower 83-A
 Royal Pink 85-B
 Citation 87-B-A
 Benares 86-B-B
 Watermelon Delight 88-B-B
 Personality 86-A-B

442 Deep Pink

Necia 87-A
 Boise Belle 86-A-B
 Leonore 89-B-A
 Alfred Nobel 85-B-B
 Pink Satin 84-0-B
 Rapids Prince 86-B-B
 Spic & Span 80-B-A

342 Deep Pink

Pink Paragon 85-B-C

550 Light Red

Mid-America 90-A
 Animation 85-B
 Dr. Pryor 86-B-B
 Ohio Non Pareil 84-B-C
 Red Rascal 84-B-C

450 Light Red

Harry Grant 82-B
 Red Prince 88-B-C

350 Light Red

General Patton 87-B

552 Deep Red

Redowa 84-B
 Thos. E. Dewey 87-B
 Mt. Gem 86-0-B
 Mighty Monarch 90-A-C
 King Click 87-B-C

452 Deep Red

C. Roberts 87-B
 Jo Wagenaar 86-B
 Winston Churchill 86-B
 Antietam 86-B-B
 Eighth Army 85-B
 Firebrand 93-AA-A
 Red Charm 89-A-AAA
 Nancy 83-B-C

352 Deep Red**554 Black Red**

Marshall Montgomery 90-A
 Menelik 90-A-B
 Indiana 87-B
 Black Cherry 83-B-C

454 Black Red

Abessinie 89-A
 Maurrie Trevan 84-A
 Velvet Mantle 88-B-B
 Mansoer 86-B-B
 Toekana 86-B

354 Black Red

Binghamton 85-B
 Negus 88-A-B
 Ataturk 86-B
 Black Opal 83-B-B
 Royal Robes 85-B
 Oeganda 87-B-D

560 Light Rose

Extase 83-B
 Miss Holland 89-A-A
 Corona 86-A-B
 Coutt's Orchid 86-A-B
 Trail's End 84-B-C

460 Light Rose

Tivoli 91-AA
 Norma 87-B-A
 Toledo 84-B-B
 Miss Wisconsin 83-B-B
 Lady Marian 85-B-C

360 Light Rose

Chamouny 81-B-A
 Betty's Choice 83-B-B

562 Deep Rose

New York 89-AA-A
 Cardinal Spellman 84-0-B
 Noweta Rose 86-B
 Burma 83-B-B
 Hillcrest 83-B
 Grand Monarch 83-B
 Boulogne 83-B-B

462 Deep Rose

Aristocrat 89-A
 Cherbourg 86-A
 Folklore 86-B
 Radjah 84-B
 Sabu 87-B
 Eclipse 83-B
 H. R. Hancock 89-B-B

362 Deep Rose

Caswallown 87-B
 Kim 79-B

566 Lavender

Attraction (Goddard) 90-A-B
 Falcon 84-B-B
 Francesca 87-B-B
 Parthienia 84-B
 Sterling 84-B
 Tunia's Masterpiece 84-B
 Eliz. the Queen 83-B-A
 George Mazure 87-B-C
 Eiffel Tower 83-B-C
 Minstrel 82-B-C
 Siboney 84-B-C
 Bridal Orchid 84-B

466 Lavender

Lavender Dream 90-B
 W. H. Hosmer 83-B
 Mrs. E. Burkinshaw 85-B-C
 Penelope 82-B-C

366 Lavender

Benj. Britten 87-A
 Kittyhawk 86-A-B
 Coronet 87-B
 Wedgewood 88-A-C

570 Purple

Velvet Dream 87-B
 Margaret Wood 85-B-B

470 Purple

Aljechin 83-A
 Dinos 90-B
 Bishop's Scepter 84-B-B
 Kashmir 84-B-B
 Dor. Armstrong 84-B-C
 Lancaster 87-A-C

370 Purple

Stained Glass 89-A
 Havelock 86-A-A

576 Light Violet

Florist's Glory 86-B-B
 Peacock Eye 86-B
 Blue Ice 85-A-C

476 Light Violet

Ravel 84-A
 Blue Boy 83-B
 Nectar 85-B-B
 R. M. Rilke 89-B-B
 Mercator 87-B
 Blue Bonnett 80-B

376 Light Violet

Thous. & 1 Nights 80-B
 Abu Hassan 86-A-B

578 Deep Violet

Prof. Picard 89-B

478 Deep Violet

Blue Lagoon 82-B-C

378 Deep Violet

Thous. & 1 Nights 80-B
 Abu Hassan 86-A-B

580 Smoky

Tunia's Aristocrat 86-A
 Tunia's Wizard 84-B
 Tunia's Mahomet 89-A-B
 Flying Fortress 81-B-C

480 Smoky

Gray Summit 92-A
 Pastel 84-B-C
 Voodoo 80-B-C

380 Smoky

Bronze Beauty 88-B-B
 Oklahoma 80-B-C

590 Any other color

Tunia's Atomic Burst 84-A-B
 Tunia's Elite 84-B-A
 R. B. 84-B-C

490 Any other color

Frans Hals 82-B
 Buckeye Bronze 80-B-C

390 Any other color

Pinocchio 84-B-B
 Vagabond Prince 86-B-C

GROW SOME GLADIOLUS SEED

This our twelfth year of selling seed from crosses using what we consider the highest quality recent introductions and like imports often before their release for sale. Nowhere in the world has there been available any such high pedigree listing of seeds of thoroughbreds even remotely comparable to our lists, though here and there a stray cataloger has tried it for a year or two. To do so takes thoroughbred varieties both of proven and "world beater" promise, hybridizing skill, time, patience and the luck of late season freedom from light as well as heavy frosts. Our first light frost has generally been around October 11th.

All glad fans should try some gladiolus seed. Most advanced amateurs already do attempt some hybridizing with their newest varieties or most favored colors. Gladiolus seed broadcast or planted thickly in close rows, covered about $\frac{3}{4}$ inch, kept on moist side and with at least partial shade, commonly produces bulbs $\frac{1}{2}$ to $\frac{3}{4}$ inches diameter the first crop. Most of these bloom the second year and selections may be made on color values, the bulb selected and its bulblets thereafter grown under number pending full performance from a large bulb.

All modern varieties were so produced, either from field collected or hand hybridized seed. Our seed offerings are genuinely hand hybridized. Literally hundreds watched us hybridizing our glads at the peak of our blooming season.

No two seeds, even from the same cross and pod, produce flowers just alike, though they are likely to favor parent characteristics.

With about the most exclusive collection of "world beaters" to be found in the U. S., we have excellent opportunity to produce intriguing crosses, which in turn should rather consistently produce some seedlings above the average run of good standard varieties in each color class. They do for us.

The only trouble is that we are as likely as not to part with some outstanding sorts worthy of introduction as a named variety. That may be your luck. If you grow such from our seed we should like first opportunity to introduce them for you.

It might be advisable to let you know that it is the custom in the gladiolus industry that the person who grows and segregates the seedling bulb is given the credit of being the "originator" of the variety if it is named and introduced—not necessarily the person who made the actual cross.

Permitting seed to set decimates bulblet production. Likely we sacrifice bulblets on rare new sorts to an extent that seed sales at these prices cannot remotely compensate us for this loss. Perhaps contribution to variety improvement will be our only compensation.

Try your luck and skill in selection of parents. Depending on stocks available we will try to be very liberal. Seeds are 10 for 25c or 25 for 50c.

How to order. The seed bearing parent is the first variety mentioned. Canadian and other foreign customers do not have to secure a permit to import seeds. Crosses are identified by number for your and our convenience. Order by number as "10 seeds of 101 \$.25".

101 Ataturk x Stralia	121 George Mazure x Blue Ice
102 Barb. Scott (Sal. 500) x Meister-singer 416	122 Gloriosa 440 x 40442A (Butt, 436)
103 Beersheba x Tobruk 454	123 Golden Ophelia x Beersheba
104 Benj. Britten x Kittyhawk	124 Golden Ophelia x Gold
105 Benj. Britten x Strathnaver	125 Gold Rush x Sky High (Both, 312)
106 Blizzard 400 x La Favorite 436	126 Ivory Sword 406 x George Mazure
107 Blue Ice x Prof. Goudriaan	127 Joh. v K. x Prosperity 540
108 Boldface x Circe	128 La Favorite 436 x CB 1 (450)
109 Boldface x Mrs. R. G. Errey	129 Luxury x Tobruk 454
110 Boldface x Salman's Masterpiece 550	130 Maureen Gardner x Ivory Sword 406
111 Bouton d'Or x Luxury	131 Meistersinger 416 x Mid-America
112 Circe x Boldface	132 Meistersinger 416 x Orange Gold
113 Circe x Meistersinger 416	133 Mighty Monarch x Mrs. R. G. Errey
114 Circe x Mighty Monarch	134 Mrs. P. Costa x Snow Cruiser 500
115 Devotion x Circe	135 Mrs. R. G. Errey x Tobruk 454
116 Devotion x Pactolus	136 Nivea 500 x Fay (Both, 316)
117 Devotion x Reg. Leahy	137 Nivea 500 x George Mazure
118 Evangeline x Silcherlied	138 Orange Gold x Aureole 410
119 Fay (Both, 316) x Circe	139 Orange Gold x Meistersinger 416
120 Fire Gleam x La Favorite 436	140 Pactolus x Devotion
	141 Pactolus x Orange Gold
	142 Paul Rubens 470 x Flo. Nightingale

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| 143 Peggy Farrell 501 x Ataturk | 155 Stralia 416 x Meistersinger 416 |
| 144 Polynesie x Luxury | 156 Stralia x Orange Gold |
| 145 Polynesia x Stralia | 157 Strathnaver x Blue Boy |
| 146 Prof. Goudriaan x Benjamin Britten | 158 Strathnaver x Circe |
| 147 Prof. Goudriaan x Fire Gleam | 159 Strathnaver x Mighty Monarch |
| 148 Prof. Goudriaan x Golden Ophelia | 160 Strathnaver x Velvet Dream |
| 149 Prof. Goudriaan x Marshall
Montgomery | 161 Stratosphere 506 x Gloriosa 440 |
| 150 Prof. Goudriaan x Velvet Dream | 162 Swing x Mrs. R. G. Errey |
| 151 Ravel x Ann Stralia Both | 163 Tivoli x Luxury |
| 152 Ravel x Mrs. P. Costa | 164 Velvet Dream x Mrs. R. G. Errey |
| 153 Reg. Leahy x Maureen Gardner | 165 Velvet Dream x Velvet Dream |
| 154 Rialgar 416 x Meistersinger 416 | 166 CB 1 (450) x Stratosphere 506 |
| | 167 63820 (506) x Maurrie Trevan |

TERMS OF SALE

Cash with order.

CASH DISCOUNTS. You may have 3, 5 or more bulbs or bulblets at the 10 rate which is 8 times the each rate. (Illustration: a bulb listed at \$1.00 each is \$8.00 for 10—being 80c each; or \$4.00 for 5 or \$2.40 for 3 bulbs.) This is a 20% cash discount. It begins at the purchase of just 3 bulbs of a size and kind. Our offerings are largely new varieties of limited U. S. supply, so current year introductions and current import releases and a limited few other very scarce items are designated "No 10 rate". If 100 bulbs or bulblets are priced with or without the F. O. B. so-called wholesale quantity prefix, 25 may be had at the 100 rate.

BULB DISCOUNTS. On retail bulb and bulblet orders not taken from the F. O. B. quantity pricing (already further cash discounted) nor taken from the "No Discount" items (too scarce) of \$5.00 to \$10.00, you may select 10% extra in bulbs of your own choosing. On such orders over \$10.00 you may select 20% extra in bulbs of your own choosing. However, because of the scarcity of stocks of certain varieties, current year introductions and releases and any others marked "No Discount" or "No 10 Rate" may not be so selected nor may your extra bulb discount be spent at the F.O.B. quantity prices.

Retail Items Delivery Prepaid in U. S. after April 1st, the normal beginning hereabouts of safe postal shipments of perishables. Retail bulb deliveries requested and made before April 1st will go post paid or express, transportation charges collect, at our option, governed largely by weather and package size. If sent express collect we will, of course, add stock of value to exceed the express charges.

If your order contains both retail items (prepaid) and F.O.B. items (transportation collect), we will ship them

together, F.O.B. and include extra count or extras to offset the charges on the retail items.

Our plants are state inspected late in the growing season and our bulbs in storage around April 1st. Further, we examine every bulb at time of putting up order, all of which pays off with sound bulbs, fit to plant "as is".

Replacement or refund purchase price any bulb, root, plant or seed that does not prove true to name or does not arrive in condition herein represented. Bulblet and seed germination are not guaranteed.

No substitutions will be made.

Orders received until planting but subject to stock being unsold. To get proper propagation of new sorts, it does not pay us to hold for further sale bulbs and blts priced only per each beyond May 1st. Order early. Our selling season is very short. Remember we deal in many items in negligible U. S. supply. In some instances we have the only stocks on the continent and late buyers of such items may have to be satisfied with "sold out" information and refund of their cash.

Delivery prepaid to foreign countries in the Postal Union having the usual 14c per pound rate, provided war restrictions of one kind or another does not bar such delivery except that purchases at 100 rate prices should add at rate 50c per 100 for large bulbs and 20c per 100 for medium sized bulbs.

Notice to Canadian Customers

Apply to the Division of Plant Protection, Science Service, Ottawa, Ontario, Canada for permit and mailing label, for bulbs and bulblets. No permit required for seeds.

"While in Customs getting the lot of bulbs from you I met our Canadian Inspector and he told me that the lot I was in for (your shipment) was as fine a lot as he had ever examined and every corm a perfect one in being absolutely free from defect, thrrips or disease of any kind. That was getting real value for my money, particularly in view of the fact that your overcount and extras more than made up for the exchange, duty and express incurred." J. W. McL., Ottawa, Ont.

OUR 1951 INTRODUCTIONS

530 LUXURY (Evans '51) Giant unmarked light orange pink. Creamy blend on lip petal. Strong habits. Midseason.

Valleevue Test Ratings 92-A-A.

Few words. How much they mean!

Luxury is seedling No. 3-53 (H. B. Pitt x Sir Galahad). The Valleeue judges have had opportunity not only to study Luxury 2 years at the Test Gardens but also to see them a few miles away growing in quantity here in our fields. In 1950 we had 4 rows of Luxury in all sizes of bulbs, extending their bloom over a long period. The enthusiasm of these judges and of many hundreds of visitors from far and near was unbounded. Whatever the weather (and we had several extremes, hot and dry, cool and moist and a long period of soggy, wet weather that turned exposed buds of many varieties to mush), Luxury's beautiful color remained unflecked, without feathering, never wilted a floret, never badly misplaced a floret, no tendency at all for lower floret to look back. No crooks whatever. A spike production substantially 100% good.

Florets flare well, slightly recurved, almost entirely the desired inverted type (single lip, top petal to rear). All spikes, from whatever size bulb, have beautiful, double row placement with strong attachment.

Luxury is a well proven gladiolus of easy propagation, making uniform giant spikes of great beauty with habits to perfection except in one respect. Of the 12 test gardens reporting, Valleevue, Conn. G.S., Wash. G.S. and N.J. G.S. were the only ones to note it. As the season progresses there may be some yellowing of the outer edges of the 2 lower leaves. This has no effect on its production of perfect spikes and the bulbs fairly glow with perfect health. Three of the plant pathologists of U.S.D.A. at Beltsville, Md. and one of Ohio at Wooster have studied Luxury in our fields and in their own testing plots. They and Mr. Manley describe it in their terms:

LUXURY TEST GARDEN REPORTS

	Days	Ht.	Head	Size	Buds	Field Open.	Color and Comment	Heat	Straight	Place	Rated
Purdue U.	75	52	23	6½	20	9	530 V. Good, 96	Good	V.G.	V.G.	A 93+
Md.	86	54	18	5¼	15	6	440 Clear, blends	O.K.	O.K.	O.K.	A
Ill. G. S.	74	51	21	6¼	19	6	530 No fleck	O.K.	O.K.	Excl.	A
N. J. G. S.	83	49	19	5½	16		441 Harmony	O.K.	O.K.	O.K.	B
SE Mich.	101	57	22	5	16	7	430 Beautiful	Fine	Fine	Fine	B
Wash.	101	53	25	6	20	10	530 O.K.	O.K.	O.K.	O.K.	B
Conn.	94	56	22	6¼	18	5	540 O.K.	O.K.	O.K.	O.K.	B
Del.	79	51	20	6	18	5	40 Good	Good	Fair	Poor	C
W. Mass.	94	55	21	5½	15	6	540 Fair	Fair	Good	Fair	D
E. N. Y.	"data incomplete"				(just)		540 (and!)				D
W. Wash	Exper. S	Valleevue	WRU	55	6½	19	7				82.3
								Excl.	Excl.	Excl.	A-A

412 CATHERINE BEATH (Coutts - Evans '51) LM. Very clean and deep yellow. Color rating 94. Excellent commercial, rated A. Superior exhibition use rating, AA. Like Luxury, Bold-face and Mid-America it tops its color class for Valleevue color ratings. Fact is, Mr. Manley has rated 809 recent gladiolus and of them all only two have higher color rating (Strathnaver and Alter Ego).

The Canadian Gladiolus Growers Club rated it 83 points in '47 (their over-all rating), 86.6 points in '48 and 88 points in '49.

Catherine Beath stood strong in our most adverse weather, held 8-10 open on shapely flowerheads erect in the fields both here and at Valleevue. At the Valleevue show Palette just edged it out for Color Champ, but at East Liverpool my spike did win the award Color Champion of the Show.

Only 3 other glads received an Exh. AA in 1950, one of them a miniature, only 22 other glads out of 485 rated received a Com'l A, so Catherine

Beath is starting out on its career with just about every blessing Valleevue can grant. Remember, Mr. Manley said "the yellow group had in it the finest yellows ever displayed. They certainly spell doom for many of our present yellows" and this yellow received his highest ratings.

See illustration on front cover.

Valleevue (Vv) ratings 94-AA-A.

Prices: No Discount. No 10 rate.

Each, your choice L or M \$1.00.

412 GOLD (Marshall '51) (our '51 co-introduction) EM. Clear, unmarked yellow, somewhat ruffled. Medium-tall spikes, 7 open.

No bulbs were furnished for Valleevue ratings. This we mention lest you suspect it to be one of the many C and D ratings not published. Here we rated it 89 color, but grew too few to attempt further ratings.

In '50 received two Awards of Merit, Chicago and Edwardsville, Ill.

Prices: No Discount, but 10 rate applies.

Each, any size, your choice \$5.

OUR 1951 IMPORT RELEASES

540 ARTHUR RANK (Visser) (our '51 import release) E. Light shell pink, faint buff suffusion. Tested a second year at Valleevue in order to give it a Commercial use rating and to ascertain its size in a more normal year. Excellent color value and commercial habits. May we suggest you do not underrate the quality of this variety because we are able to give it so reasonable an introductory price. First, Ohio (state), '50.

Vv test rating 89-A-A.

Prices: No Discount. No 10 Rate.

Each, M size only \$.50.

354 ATATURK (Salman) (our '51 import release) E. Very deep, velvety black red, a bit lighter red in upper throat. Has a glossy, flushed appearance. Opens 8 in field on wiry stem with an occasional crook under adverse weather. Some could consider the head a bit short for the stem and so far (2 years) propagation is below "satisfactory level". However, it appears about the blackest glad since Oeganda and its color impels us to offer it.

Vv test rating 86-B-C.

Prices: No Discount. No 10 Rate.

Each, M size only \$.50 Blts .10.

423 BOCCHERINI (K & M '50) (our '51 import release) E. Lively, metallic deep scarlet orange, wide, clean cream dart. Color is a bit more intense than that of Circe, thus taking the lead from Circe as highest color rated orange. Tall spikes, well placed and attached.

Vv test ratings, 93-A-B.

Prices: No Discount. No 10 Rate.

Each, M size only \$1.00.

501 MAUREEN GARDNER (Preyde '51) (our '51 import release) EM. Huge, clean white with red violet brush on cream on lip petal. Mostly single lip, top petal back, inverted type florets. We feel sure this variety will produce some 40-inch flowerheads as 30-36 heads appear to be the rule rather than the exception. If you want the 500 size glad with longest flowerhead, this is it. Vigorous, tall plants, wiry stem, 22 buds, 6-inch plain florets with wide, flaring petals. Our 1st at Tri-State, '51.

We are reserving our small bulbs for propagation.

Vv test rating 87-A-B.

Prices: No Discount. No 10 Rate.

Each, L or M \$.50.

562 NEW YORK (Salman '49) (our '51 import release) EM. Very deep rose, deeper than blood red but definitely rosy. Strong habits. Long flower-heads with huge florets of great substance. Of the 809 varieties rated by Mr. Manley to date, only 13 have gained a double A.

Do not confuse with another variety named "New Yorker".

Vv ratings (2 year test) 89-AA-A.

Prices: No Discount. No 10 Rate.

Each, M .75 S .50 Blts .10.

437 PALETTE (Kooy '50) (our '51 import release) M. Clean, hot, deep scarlet, wide solid blue-violet brush in throat. Color will bleach some if allowed to open in intense sun. Seems to be a new and intriguing color combination only approached by the smaller blue throat mark in Tuts Both. For this it gained the Color Champion of the show at the Ohio (Valleevue) show, '50.

Vv ratings 89-A-B.

Prices: No Discount. No 10 Rate.

Each M size only \$1.50.

436 POPULAR (Salman '48) (our '51 import release) M. Color of the fresh florets is outstanding. A very velvety scarlet with a strong brownish tone and a hair line edge. As the floret

ages there is a sort of dulling process and the hair line widens by a sort of bleaching process to about $\frac{1}{2}$ -inch wide. Tall, wide foliage, tall spikes with 22-25-inch flowerheads. Florets slightly recurved, placement only fair at times, usually good.

Vv test rating ('49) 87-B.

Prices: No Discount. No 10 Rate.

Each, L (limited supply) \$1.00 M .50 Blts .10.

436 SANS SOUCI (K & M '51) (our '51 co-introduction) M. Translated, without worry. Very rich glowing scarlet with a narrow creamy white pencil line on lip petal. The color glows with metallic lustre. Florets are 5-5 $\frac{1}{2}$ inches, of heavy texture.

We grew 4 of the 6 1951 K & M introductions (not including Miss Holland, which secured a very high Vv rating) and this performed the best of the 4 for us and may turn out to be the best propagator. The Dutch Bulb Growers' Society official magazine declared this variety to be the best shown by K & M at the July 24, 1950 show, its first show appearance.

We understand that bulbs were too scarce to supply Valleevue for testing. We rated it here, color 89 and Exh. A.

Prices: No Discount. No 10 Rate.

Each M \$7.00 Blts each \$1.25.

GENERAL PRICE LIST

Bulbs and bulblets priced per each. 10 sold at 8 times each rate.

3, 5 or more sold at this 10 rate. Bulblets 25 at 100 rate.

25 sold at F.O.B.-100 rate, express charges collect.

NOTE: For key to Series—size and color classifications, see Page 6.

WHITE—00 Series

500 ANZACS (Both '43) (our '49 import release) LM (late midseason). A tremendous, ruffled, clean white on a tall, wiry stem. Medium propagator. Has had 3 grand championships in Victoria, Australia shows.

Vv rating, B (over-all) 89 (color).

Each L (large) .40 M (medium) .30 S (small) .20 Blts (Bulblets) .03 (100, \$2) (1000 \$12.)

501 APPASIONATA (K & M) (U. S. '50) M. Clean, dead "blue white" with deep violet darts $\frac{1}{2}$ -inch wide in throat. Huge, wide petaled florets, easily reaching 7 inches. Attachment somewhat unsatisfactory.

Vv rating C 86.

Each L \$.60 Blts .05 (100, \$3.)

501 DUTCH MASTER (Salman '49) (our '50 import release) LM. A Salman's Glory seedling. Clean silvery, creamy white with a soft carmine spot, not large. Color harmony is more delicate than that of the bolder Salman's Glory and considerably larger, which means immense. Wide petals, 7-8 inch round florets. Should end the many year domination of Margaret Beaton in the 501 Class. Stock very limited.

Our firsts, two at Pa. (state) and one at Tri-State, '50.

Test Garden rating B 89.

Each L (mostly No. 2 L) \$1.25 M 1.00 S .75 Blts .10 (100, \$6.40).

400 FLORENCE NIGHTINGALE (J. W. Harris '47) M. Clean white, shading into creamy throat. While not the chaste white of Vrede, the color is very acceptable and all of its habits appear to make it a very outstanding

variety. Florets are 4½-5 inches, slightly ruffled, 8 and more easily open on flowerheads close to 30 inches long, plants 5½ feet tall, up to 21 buds. Our rating 84-AA-A.
Each L .25 M .20 S .15 Blts (100, \$2.).
F.O.B.—Per 100 (L \$15.) (M \$10.)
(Blts Qt. \$40.)

501 MAUREEN GARDNER See new items, page 19.

501 MRS. M. J. WHITE (Both) (our '47 import release) M. Gigantic pure white with a very small violet throat mark. Well grown, blooms may be had up to 8½ inches. The largest glad we have offered up to 1948.
Flat, wide open florets.

Attachment and stem strength below "satisfactory level" but it usually takes the award for largest floret in show.

Our rating C 82.

Stock very limited.

Each L .50 Blts .05 (100, \$3.)

500 STRATHNAVER (Peattie) (our '47 import release) M. This is the most sensational dead white gladiolus we have ever seen. Can easily be grown without expert care 66 inches tall, 6-7 inch florets, 9-11 wide open, pure, hard, glistening white from No. 3 medium bulbs.

In the Valleevue Test Garden tabulation we have awarded it color value the nearest to perfection of all. The spikes from small bulbs are breathtaking, truly magnificent. The plant and spike growth from small bulbs, together with that of Mid-America, is definitely in a class by itself, the foliage being heavy, 3-4 feet tall with giant spikes towering above, almost the full equal of those from medium and large bulbs. The attachment is a bit below the satisfactory level.

L and M stocks again in small supply. Down under, where stocks are more plentiful, in 1950, it was grand champion at 8 New Zealand shows, including the largest at Christchurch. Here it was grand champion at Valleevue, East Liverpool (ours), Rochester, N. Y. and Victoria, B. C.

Test rating A 96.

Each L .50 M .35 S .20 (no ten rate)
Blts .05 (100, \$4) (1000, \$30.).

400 SWING (K & M) (our '50 import release) E. Very pure white. Very faint cream on midrib. If the attachment were not somewhat below the "satisfactory level" this would have an A rating, with its tall spikes with 7-8 open and other cut habits apparently very good.

Test ratings, C 93.

Each L \$1.50 M 1.00 S .50 Blts .10.

400 VREDE (Peace) (K & M) (our '48 import release) M. A Silentium seedling. A very pure white color, buds as well. Has a tiny violet mark deep in throat. 4½ inches and larger, slightly ruffled and the uniformity of well placed and spaced florets makes a group of them a sight to behold. The stem is strong and wiry. The number open, 6-8. A very healthy grower and a good propagator.
Each L .30 M .20 Blts (100, \$3) (1000, \$20.).

CREAM—06 Series

506 ANNIE AMELLA (Both '47) '49 M. Clean deep cream, slightly ruffled. Round florets, consistently of inverted type, making a medium tall spike of good outline. Good propagator.

Test ratings, A 90.

Each, any size bulb, .50 Blts (units of 10, .50 not tied to bulb purchase).

406 BEERSHEBA (K & M '48) (our '49 import release) M. A beautiful creamy green, deepening in the throat, a depth of green approaching that of the old variety "Green Light." As the bloom ages, the florets change up the spike to a light cream approaching milky white. The change starts to occur about when 3 florets are fully open. The color harmony remains good, a vase of 6-12 spikes is quite a beautiful sight to behold. Vigorous grower, 6-7 open well placed, of heavy texture, and well attached to a good cutting stem.

Test ratings, B 86.

Each L .20 M .15 Blts (100, \$1.50) 1000, \$10.) (pt., \$15.)

507 GRACE MOORE (Salman '48) (our '48 import release) E. Very early. This is a seedling of Salman's Glory and has maintained the huge size of the latter. Pure light cream, shading through a very light blush into a dazzling orange scarlet throat. It has a wonderful spike and very long, extra strong and straight stem.

Testing rating, C 83.

Each L 1.00 M .75 S .50 Blts .10 (100, \$6.40).

406 HELEN EAKEN (K & M '47) E. This elegant, clean cream has a mild green shine on the lower petals which does not fade away as the bloom ages. Four inch florets, 6-7 open, 16 buds well arranged on medium tall spikes with all growing habits from planting stock appearing to denote excellent cut flower habits. F. C. C. Haarlem. Test ratings, B 87.

Each L .50 M .30 S .20 Blts .05.

506 LEADING LADY (Johnson '42) M. There may be better glads but the world in general does not yet know it. The light cream Picardy sport which has taken the world by storm. Even our price is attractive.
Our rating AA 90.
F.O.B. per 100 L \$5.

506 PROF. GOUDRIAAN (K & M) (our '50 import release) EM. Very light cream, approaching white. Throat deeper cream with a very faint violet brush. Medium tall spikes with 24-28 inch heads with double row placement of flat, round florets 5½-6 inches diameter, excellently attached 8 and more open, 18-22 buds, with uniformly good placement. Very vigorous grower and propagator. A fine exhibition and cut flower.
Our 1st at Solon (Ohio) show, '49, beating many excellent entries.
Test ratings, A 90.
Each L .50 M .35 S .20 Blts .05 (100, \$3.)

506 REG. LEAHY (Both '45). A somewhat greenish cream with a light peppering of purple deep in the throat. The florets are ribbed and ruffled slightly and are round and flat. Formal, exhibition placement, well attached, stems very rigid. Medium tall. For us it is definitely a slow propagator but the spikes it can make causes us to carry on. Was grand champion at the So. Australian B. S. main show (largest in Australia) Nov. '47, with a spike carrying 6 inch florets, 7 open, 28 inch head.
Every spike looks like a potential champion. In '50 hereabouts Manley's 1st at Toledo, ours at Tri-State, East Liverpool and section champion at Pa. (state).
Our rating 84-AA-C. LM.
Each L 1.00 M .60 S .40 Blts .10 (100, \$6.40).

507 SALMAN'S GLORY (Salman) (our '47 import release) E. The supreme beauty of the giant, blotched varieties. Pure, unflecked light cream, paling imperceptibly to white at petal edge with a spectacular, solid carmine mark surrounded with a strong yellow which blends out into the cream basic color. Early giants are uncommon, but this variety does not stop there. Superlatives apply to its color, its every trait and habit. It can well be we are discussing the world's greatest glad. Personally, we are partial to giant, blotched varieties with clean colors and good color harmony.
See half page description in 1949 catalog.

Test rating, AA 92.
Each L .12 Blts (100, .75) (1000, \$5)
(pt., \$7.).
F.O.B. per 100 L \$6.

407 SINCERITY (Errey) (our '48 import release) M. "The find of the season" says J. P. Jones, Gladiolus Correspondent, Australian Garden Lover. The ground color is cream, the lower petals being a deeper cream with a soft light scarlet blotch, a striking color harmony. Florets, beautifully waved, are 4 inches or more, of good texture and can carry 10 open in full double row placement unless forced, when the spike stretches the florets a bit further apart. In either event the regularity of facing and spacing is obviously excellent. The color very refined.
Our rating, B 84.
Each L .30 M .20 Blts .03 (100, \$2) (1000, \$12) (pt., \$20.).

YELLOW—10 Series

412 BOUTON d'OR (de Bruyn) (our '50 import release) EM. On R.H.S. color chart, canary yellow 2. On Ridgeway, Lemon Chrome IV 21. More intense than any yellow on Fischer chart. Clear deep yellow, many open, uniform spikes. Ruffled.
Florets resist soggy, water-soaking weather. Excellent spikes from small bulbs.
Test ratings, B 92.
Each L .20 M .15 Blts (100, \$1.)

412 CATHERINE BEATH See new items, page 19.

311 DEVOTION (K & M) (our '50 import release) VE. Clear medium-deep primrose yellow with harmonizing red splash in throat with narrow deeper red line on strong yellow lip. Ruffled. Very attractive spikes, opening 10 in the field. Our firsts at Pittsburgh and Wheeling, '49.
Our first Binghamton, best blotched variety, Harlem, both '50.
Test ratings, B 88.
Each L .50 M .35 S .20 Blts (100, \$3.)

512 GARDEN GOLD (Rich-Evans '48) LM. Six inch florets of golden yellow, slightly deeper in throat. Color is always pure and clean. Lightly ruffled, edges frilled. Tall, long, strong spikes. Propagation medium and supply is small.

Our rating, A 85.
Each L \$2.00 M 1.50 S 1.00 Blts .20 (100, \$10.)

412 GOLD See new items, page 19.

Bulbs and bulblets priced per each. 10 sold at 8 times each rate.
3, 5 or more sold at this 10 rate. Bulblets 25 at 100 rate.
25 sold at F.O.B.-100 rate, express charges collect.

511 GOLDEN FLUTE (Hartman '50) M. Very light yellow with slight pink cast. Cherry pencil and slight brush on deep yellow lip petal. 7 inches and larger, 7 and more open on flowerheads 25-30 inches on very tall spikes. 16-18 buds.

Has been seedling champion at Tri-State, Toledo, Chagrin Falls, Solon, and 2 Pa. (state) shows. Secured Award of merit at Detroit (S. E. Mich.) and American Home Medal at Ind. (state). Has been grand champion at Chagrin Falls, Toledo and Solon. We checked 9 firsts in '50.

Our heavy, large bulbs produced an average of 28 bulblets each.

Vv test ratings, 88 A.

Prices: No Discount.

Each L, M or S \$5. Blts \$1.25.

410 RECORD (K & M) (our '50 import release) M. Pastel finished (soft, without glisten), creamy yellow. Three or four very faint pepper marks on deeper yellow throat. Medium tall spikes with round, flat florets 5 inches diameter, 6-7 open. Buds have rose bud form and appearance. Type varies from formal to informal with growing conditions from bud to bloom stage. Should it fail to make the grade as an exhibition glad at the shows for lack of number open it will nevertheless quickly command the cut flower reputation it plainly deserves. Its color harmony with pastels of other colors such as, for instance, Benjamin Britten, is stunning. Our 1st at Tri State (Wellsville, Ohio '49).

Test rating, B 86.

Each L .50 M .35 S .20 Blts (100, \$3.).

312 SOLID (Both) (our '47 import release). EM. Pure, deep, glistening yellow, with florets of medium size a bit ruffled and fluted. The color is lively, the flowerheads stretchy, with the buds separated nicely in early stage of bloom. Attachment good and we think it has excellent commercial prospects.

Our firsts at Binghamton, Tri State and Chagrin Falls, '49.

Our rating, A 89.

Each L .40 M .30 S .15 Blts (100, \$2.50).

413 SPOTLIGHT (Palmer '44) E. Clear, medium-deep golden yellow with a small feathered blotch of scarlet. Large blooms, about 6-7 open and about 18 buds. The color is extremely attractive and the plant is strong and vigorous, producing plenty of large bulblets that grow unusually well and often bloom. Opens well when cut in tight bud. Do not confuse with variety "Stoplight."

Our rating, 85-A-AA.

Each L .10 F.O.B. per 100 \$4.

412 SUNDANCE (Almey '49) M. Clear medium yellow. Ruffled. Superior habits. One of the 13 varieties thus far to obtain a double A rating, the only one so far with a commercial AA. Vv ratings 89-A-AA.

Each L \$1.25 M .75 S .50 Blts. 08.

411 WORLD BEATER (Weltwunder) (Pfizer) (our '49 introduction.) M. Glistening and waxy—a clear, medium-light yellow of high color value with a red throat mark more prominent than that of Spotlight. 8-10 florets open easily on the plant in double row formation on almost bone-dry soil in very hot weather. Florets 4½ inches and larger. 20-23 buds well placed and spaced on strong, tall stems.

Three of the U.S.D.A. pathologists, visiting the Valleeue Test Garden and our plantings, studied three rows of blooms, in extremely hot weather, and openly marveled at the substance of the clear, waxy florets and their complete lack of mild virus which causes flecking and feathering of color.

This is a band wagon bargain for the cut flower man.

Test ratings, A 90.

See illustration on page 31.

Each L .40 M .30 S .15 Blts (100, \$3.) (1000, \$20.).

BUFF—16 Series

416 HUGH PRICE (Both '46) (our '48 import release) LM. The color is thoroughly clean. A bright buff, slightly salmon toned, blending into yellow throat. Florets all but perfectly round, about 4½ inches and larger. To their beauty of color is added beauty of form, being well ruffled and ribbed. Makes grand spikes with 8-10 open in full double row placement.

As our stock increases from a small start, so also our experience and ability to appraise. We do not hesitate to classify this variety well within the limits of the world's most beautifully colored glads. Its round floret shape and perfect spike outline, together with the ribbing and ruffling and its shining, bright, clean color mark it surely for "knockout" classification. So far we consider it flawless in every respect.

One of the 6 to 8 varieties whose florets fully withstood a prolonged soggy, water-soaking period.

Currently the top color rated buff variety.

Test ratings, AA 92.

Each L .40 M .30 S .15 Blts (100, \$3.) (1000, \$20.).

516 KAWATIRI (Pupich) M. A giant, rich creamy buff blending into a light yellow throat not far from silvery white. The edges of the petals are slightly diffused pink and the unopened buds a beautiful golden buff, tinted pink. The florets are 6-7 inches (8 $\frac{1}{4}$ has been claimed in N. Z. where it originated), beautifully frilled and of heavy texture. 6-8 open on tall spikes, some of which may crook under very adverse conditions. In spite of this tendency the Ballarat Test Gardens awarded it their F. C. C., '48. Our rating, 86-B-C. Each L .30 M .20 Blts (100, \$2.). (1000, \$12.).

417 PACTOLUS (K & M '47) E. A very spectacular glad with strong, bright colors. Deep apricot-cream with orange red blotches on lower petals. Though the colors are "hot", they are in pleasing harmony and the spikes are very spectacular. Eight florets open easily on straight stems, closely spaced in double row formation, well attached.

Test rating, A 89.

Each L .15 M .10 S .05 Blts (100, \$.50).

416 PATROL (Palmer '46) EM. Clear apricot with yellow in throat. Tall spikes of great strength frequently with 10 open and balance in color. Far too many championships to mention. This is one of the varieties whose foliage shows occasional lack of green chlorophyll pigmentation.

Each L .35 M .25 S .15 Blts (100, \$1.50).

F.O.B. (L per 100, \$20.) (M per 100, \$12.).

416 STRALIA (Both) (our '47 import release) M. Color is clear, unmarked, salmony buff, pastel. Here is a glad to watch. Its ruffling is superb and its clean, beautiful color is outstanding. Large but not a giant. Tall but not too tall, 55 inches. All of its habits, stem, substance, placement, attachment, bulb health, germination, etc., appear to be far above "satisfactory level." Powerful propagator. Test rating, AA 91.

Each M only .10 Blts (100, .50).

417 SUN SPOT (Roberts '45) EM. A tall, sometimes loosely arranged but large spike. A pale buff with clean color though pale enough to be somewhat lacking in color character. However, the small, rose red spot in the throat gives it a striking appearance. An easy doer that grows well. Has gath-

ered many show championships. Vv test ratings A 88.
Each L .35 M .25 S .12 Blts (100, \$2.).

ORANGE—22 Series

(Incl. yellow orange and red orange)

423 ALL GLORY (Toon) (our '46 import release) E. A novelty gladiolus as to color. Deep, tangerine orange, spectacularly blotched purple, overlaid cerise with a single rib down center of lower petals. Beautifully ruffled. Color is fast, florets are of leathery texture, propagation is easy and good and sizeable spikes are frequently had from bulblets. Good commercial habits. Our rating, A 85.

Each L .20 M .15 Blts (100, \$1.) (1000, \$6.50) (Pt., \$10.).

423 BOCCHERINI See new items, page 19.

423 CIRCE (K & M '48) (our '49 import release) E. A medium-bright russet orange without any flecking, with a deeper red feathered blotch, small but made a bit conspicuous by a surrounding narrow band of creamy yellow. The color harmony is very good. Opens six on very long flowerheads. Have seen as many as 26 buds. Petals are hard and firm. One of the 13 AA rated.

Vv test ratings 92 AA.

Each L \$1.50 M \$1.00 S .60 Blts .12 (100, \$.90).

423 HENRI DE GREEVE (K & M '47) (our '49 import release) M. A pastel salmon orange with a carmine feather on an ochre throat. Heavy textured florets, 6-8 open on 20-22 bud spikes medium tall. A vigorous propagator with a high level of cut flower habits. Some slight peeling of color in soggy weather reduced its test rating to C 84. Each L .50 M .35 Blts .05 (100, \$.80.) (1000, \$20.).

522 TUNIA'S DELIGHT (Both) (our '47 import release) M. As beautiful and refined a glad as we have discovered in many years. Clear, liquid, deep orange of huge size with a narrow, perfect blue margin around the edge of every petal, a marvelous beauty able to open 8 at one time. If well grown, many bulblets bloom and make very sizeable bulbs.

Color Champion at the Ohio state '47 show.

Our rating, A 91.

Each L .35.

LIGHT SALMON—30 Series

430 ANN STRALIA BOTH (Both '45) (our '47 import release) M. Outer area clear, delicate salmon shading imperceptibly to clear, golden yellow. Beautifully ruffled. Double row placement to perfection, which includes facing, spacing and attachment. One of the world's most beautiful glads.

Our rating, B 89.

Each L .35 M .25 S .15 Blts (100, \$2.) (1000, \$15.).

530 LUXURY See new items on page 18.

430 MARLENE BOTH (Both) (our '43 import release). Very early. Easily one of the most beautiful of all glads. A glorious, brilliant yet delicate, creamy salmon pink with perfectly blended deep, creamy buff throat. Color never blemishes. Beautifully ruffled, adding to its outstanding decorative qualities. Long stretchy spikes. Fast propagator.

Our ratings 89-B-B.

Each L .12.

530 MRS E. BOTH (Both) (our '43 import release) E. A perfect color blend of liquid clear, light orange pink with harmonizing, clear, deep cream throat. Shows a wonderful saturation of color.

Huge blooms, many open on long flowerheads.

Our ratings, 91-B-C.

Each L .50 M .35 Blts .05 (100, \$3.).

430 POLYNESIE (K & M '49) (our 1950 import release) LM. Lively pure salmon approaching perfection. Deeper than Picardy. Slight lightening of mid-ribs, a few soft scarlet lines in throat. No feathering (deepening) of color in '48. A slight amount during the hottest week of September, '49.

8-12 florets, $5\frac{1}{4}$ inches diameter, slightly ruffled at petal edges, open with ease on long heads of perfect, tapering, championship caliber outline. Cut flower qualities appear perfect and its stamina as a cut flower was well evidenced by the 3 spikes we carried a long distance to the Boston, N.E.G.S. show '48, being in perfect condition at the close of the show and so reported in numerous publications around the world.

Already we have noted over 20 firsts, 7 of them ours.

Vv ratings, AA-90.

See illustration on page 32.

Each L \$1.00 M .75 S .50 Blts .10 (100, \$8.) (1000, \$64.).

DEEP SALMON—32 Series

533 BOLDFACE (Evans '47) M. Color is brilliant and very attractive. Very deep salmon pink with an almost black red brush on clean white throat, very spectacularly blotched. Ruffled florets that run a bit over $5\frac{1}{2}$ inches though we were amazed to see a floret grown by Mrs. Kidd of Newmarket, Ont., over $7\frac{1}{2}$ inches. Opens up to 8 in field, 9-11 when cut, 20-21 buds. Plant growth is vigorous and foliage stands 30-36 inches high, height 66 inches. Florets well attached, make uniform, double row placement. Propagation is good. Even before dropping into the reasonable price range this spectacular glad has achieved world wide fame and is listed in British and Australian catalogs. Prior to '49 won American Home Achievement Medal, two Ohio Awards of Merit, one champion bloom and a number of firsts.

In '49 firsts at Binghamton, C.G.S., Chagrin Falls, Chicago, Hamilton Dist., Solon, Wash. state, W. Va. state, N. W. N. Y. (Buffalo) also best R.I., Two Rivers, Wis. also grand champion. Two firsts at N. W. Ohio (Toledo), two firsts at Pa. state, two firsts at Ohio state, two firsts at East Liverpool, also reserve champion. Three firsts at Tri State (Wellsburg) and four firsts at Winnipeg shows.

In 1950 we record a third Award of Merit, this one for 3 spikes entered by Mr. Knierim in the Ohio (state) show. Also 13 firsts in U. S. shows, Joe Hartman taking grand champion with Boldface at the Ind. (state) show, Wabash.

Vv ratings AA (one of the 13 to date) and 92, top color rating for deep salmon, all sizes.

Each L .50 M .40 S .30 Blts .05 (100, \$2.50) (pt., \$40.).

533 DOLLY VARDEN (Harris '50) LM. Huge, deep red salmon, occasionally slightly feathered and etched, large cream throat that extends on ribs. Strong plants, many open. Can make 7 inches, 9 open, 21 buds.

Vv test ratings, 88-A-B.

Each L \$2.00 M \$1.25 S .75 Blts. 20.

432 TUNIA'S FANCY (Both '46) (our '48 import release) M. One could rate this No. 1 for sheer beauty and not be far off. Exquisitely ruffled, medium deep orange pink. Clean color. The florets are rigidly held, well placed on stretchy spikes, medium tall, about 50 inches.

In '48 A. M. by Ballarat Test Garden with top color rating over all 36 varieties on test.

Our rating, 89-B-C.

Each L .30 M .20 Blts (100, \$2.).

SCARLET—36 Series

437 CARNIVAL (Butt-Evans '47) EM. Bright, dazzling scarlet with clear white throat. Exhibition quality spikes are regularly produced and it opens 7-10 well placed florets at once. Attachment and substance are good and one spike is a bouquet in itself. Color is uncommonly attractive and the variety is well named.

Our ratings, 90-A-B.

Each L .25 M .15 S .07 Blts (100, \$1.50) (1000, \$10.).

436 DIEPPE (Hassal '45) M. Deep, red scarlet, blotched deeper. Slightly waved and ruffled. Excellent cut flower habits and fast propagator. Very attractive, not far from that of Harmau.

A grand cut flower at reasonable price.

Each L .12 F.O.B., L per 100, \$6.

536 DYNAMO (Salman '48) (our '50 import release) LM. Pastel scarlet, deeper on lip, lighter on upper, pales a bit at edges, not far from self color. Immense round florets 6½-7½ inches diameter. Seed pods are immense, too. Bulblets germinate fast, grow strong, mostly to large bulbs. Test rating, B 88.

Each L \$1.00 M .75 S .50 Blts .10.

436 FIRE GLEAM (Jack '49) EM. Deep scarlet, cream lines. Its average color value is acceptable because of its strong, extremely long flowerheads. Test rating, B 84.

Each L .60 M .40 S .20 Blts .06.

436 JOHAN van KONYNENBURG (K & M) (our '47 import release) M. Named for one of the founders of the great Holland firm. The color is clear, rich, glowing orange vermillion. Truly, every spike is a show in itself, outstanding in any garden, carrying up to 10 open blooms, well faced and spaced on tall, extra strong, upright spikes, never crooked or bent.

Each L .10 M .07 Blts (100, \$.50).

437 PALETTE See new items, page 20.

436 PFITZER'S CENTURY (Pfitter) (our '47 import release) L. A light scarlet masterpiece. Color is clean. Holds 8-10 wide open, large florets on tall, strong stems. Good propagator. Named to celebrate the 100th year of the famous German nursery

firm. The Holland growers say it will take the world by storm, both for exhibition and commercial purposes. Has what we call "hot" color.

We consider this the very best of the late varieties. Powerful plants, intense color, no crooks.

Our ratings, 87-C-A.

Each L .30 M .20 Blts (100, \$2.).

436 POPULAR See new items, page 20.

436 SANS SOUCI See new items, page 20.

LIGHT PINK—40 Series

540 ARTHUR RANK See new items, page 19.

441 CONN. YANKEE (Schenetsky '44) LM. A beautiful blush pink with a small orange red feather in the throat. Color value is very high and this, together with the shapely spikes it makes with 8 open and good length, helps it to maintain a high place in the winner columns. The propagation is under the "satisfactory level" and the plants have a tendency to mature early, after blooming, indicating need of early digging. Otherwise we have a good glad here, approaching the reasonable price range.

Currently top winner in its class and we saw two grand champs (both Pa. G. S. shows, '49).

In '50, Grand Champs also at Ia., both Waterloo and Cedar Rapids, S. E. Mich. and R. I. (state).

Our ratings, A 87.

Each L .25 M .15 S .10 Blts (100, \$2.). F. O. B. per 100 L \$15. Blts per Qt., \$50.

540 EVANGELINE (Palmer '48) LM. Very pale, light rose, almost blush white with creamy yellow throat. This is the giant seedling that started its way to fame as seedling and grand champion at the big Cleveland '46 show. Both bulbs and bulblets make powerful growth. Winning its share of prizes now and was grand champion at Solon, Ohio show, also at N. J. state, '49.

Test rating, A 86.

Each L \$1.00 M .60 S .40 Blts .05 (100, \$4.).

F. O. B., L per 100, \$50. Blts per pt., \$30.

Bulbs and bulblets priced per each. 10 sold at 8 times each rate.

3, 5 or more sold at this 10 rate. Bulblets 25 at 100 rate.

25 sold at F.O.B.-100 rate, express charges collect.

440 MRS. P. COSTA (Both '46) (our '48 import release) M. Very light creamy blush white, perfect double row placement, somewhat ruffled—in fact it looks like a larger, much improved Rosemarie Pfitzer. There is a flush of lavender on the lower petals. Medium-tall.

Our ratings, 89-B-C.

Each L .25 M .15 Blts (100, \$1.50.).

540 OSTRICH FEATHER (Pfitzer) (U. S. '50) M. Light peach with pinkish red scratches on salmon base in throat. Huge florets, orchid appearing, laciniated, ruffled and pointed. There are almost no laciniated glads other than miniatures.

Vv ratings, C 82.

Each L .30 M .25 Blts (100, \$2.50).

441 SILCHERLIED (Pfitzer '50) (our 1950 introduction) E. Song of Silcher, a German composer of about 1600. This is a wonderful color harmony of unflecked, clean la France pink with solid small primula rose mark deep in throat.

The plant specifications ring in harmony also, as its exhibition and commercial qualities are tops. Tall, strong spikes, 60-66 inches high, carrying 18-20 buds capable of opening eight 5 inch, well formed and attached florets even when cut in bud and several more if cut later. Double row placement, early, healthy and excellent propagator. We expect this variety to far outpoint the Valleevue ratings thus far received.

Vv ratings, 84-x-B.

Our prices, as exactly as we can estimate them, equal the one and only current foreign wholesale price plus the duty and other incidental costs of importation, so these prices are

Each L \$7.00 M \$5.00 S \$3.00 Blts \$1.00.

541 SKYMASTER (Salman) (U. S. '49) M. Apple blossom pink, small deeper mark in throat. Huge florets, many open, making mammoth flowerheads. Strong habits and good propagator. Our first at Binghamton, '50.

Our ratings, 86-B-B.

Each L (not many this size) .30 M .20 Blts (100, \$2.).

DEEP PINK—42 Series

443 COTILLION (Butt '48) M. Deep pink with prominent cream throat. Ten open on tall spikes, a grand champion contender. Our 1st Tri State, Wellsville, Ohio. A first at W. Va. also Best R.I. and Grand Champion at Mich. (state), '49 and Oshawa, Ont., '50.

Vv test ratings, A 85.

Each L .50 M .35 S .20 Blts (100, \$2.).

542 GENERAL EISENHOWER (Salman) (our '48 import release) M. A medium-light rose in the general depth range of Leeuwenhorst, Rosea, Festival Queen, Sensation and the like. Relatively clear color, bright hydrangea pink but with variable amount of deeper feathering. The variety is powerful in every respect, with excellent cut flower habits. It makes flowerheads with 7 inch florets double-row placed in such fashion that the width of the tremendous flower spike is the greatest of any variety we have yet seen. Tremendous is the word, even from medium bulbs.

Test rating, A 83.

Each L .10 Blts (100, .50).

443 NECIA (Both '45) (our '49 import release) M. Though Mr. Both describes this glad as salmon pink, we consider it to be deep pink, the depth of color seemingly to be made up of an intermixture of some salmon and some rose. Has a rather prominent cyclamen blotch making it a very pleasing and harmonious color combination. The tall, strong spikes bordering on very tall, show real power and heavy substance. The florets are at the top of the 400 size range and occasionally go beyond 6 inches. We have been growing stock of this variety several years, becoming more and more impressed with its good propagation and fine commercial habits and pleasing color. Very outstanding.

Test ratings, A 87.

Each L .50 M .35 S .15 Blts .05 (100, \$3.) (1000, \$20.).

542 PERSONALITY (Butt-Evans '47) M. Basic color is deep pink slightly rosy toned. This glad looks equally good for exhibition and for commercial use. Most every spike appears to be of show champion quality. Tall, powerful plants, 7-9 open in the field. Of the many "deep pink Picardys," most of them sports, this is the only one that has satisfied us.

Our ratings, 86-A-B.

Each L .25 Blts (100, \$1.50) (1000, \$10.).

LIGHT RED—50 Series

550 MID-AMERICA (Knierim-Evans '47) M. The first variety we have offered, raised by one of our customers from seed (cross 486, Red Charm x Snow Cruiser) offered in our catalog. May any similar subsequent offers be as good!

Color clear, brilliant light red, unmarked. Mammoth, smooth, round florets around 7 inches diameter and more, well attached on very tall spikes, 26 buds on extra strong stems, as well as extra long flowerheads, 33-36 inch heads being almost an average for large bulb production. Foliage is wide and heavy and tall, even that of bulblets growing 30 inches tall. About a fourth of the bulblets bloom. Even tiny bulbs hardly larger than bulblets, placed 2 inches apart have made many spikes 60-66 inches tall, with foliage 36 inches tall, opening 10 giant florets.

It has just about smothered all opposition in the shows.

Test ratings, A 90.

Each L .25 M .15 S .10 Blts (100, \$1.50) (1000, \$10.).

DEEP RED—52 Series

452 C. ROBERTS (Both '46) (our '49 import release) M. The color is very uncommon and quite attractive. It is a deep colored glad and the effect is almost a self color. In detail, it is a fiery, orange toned cerise red, blending almost imperceptibly to an almost purple throat. The top petal tints out a bit lighter than the others. Large, stretchy spikes on a tough stem, with florets of size that occasionally go over 6 inches. Good propagator.

Test ratings, B 87.

Each L .30 M .20 Blts (100, \$2.) (1000, \$15.).

452 FIREBRAND (Butt '44) M. We consider this Mr. Butt's best origination to date. Within our experience, no other medium deep red has color value to match it. Slightly ruffled, deep signal red, slightly deeper in throat with small white lines on lower petals. Color is velvety and unopened buds are of unique form resembling roses and the florets lie tight and flat to the stem. 8-13 open on spikes that are tall and straight. Good propagator and makes show spikes from No. 4 medium bulbs.

Has been color champion and many times grand champion, 4 such noted in '50.

Our ratings, 93-AA-A.

Each L .12 F.O.B. per 100, \$6.00.

552 MIGHTY MONARCH (Butt '46) LM. Very velvety, clean, glowing deep red. An exceptionally strong grower, approaching the power shown by Strathnaver and Mid-America. Florets 5½-6 inches, 8-10 open on extremely long, 20-26 bud flowerheads.

Our ratings, 90-A-C.

Has won many championships, mostly from medium bulbs.

Each L .25 M .20 S .15 Blts (100, \$1.).

552 REDOWA (Butt '48) M. Velvety, medium-deep red (not as deep as mighty Monarch), a narrow, deeper red line on lip petal. Tall strong spikes, close to stepladder placement, 5½-6½ inch florets, 6-9 open, 19-20 buds. Its commercial qualities look very good. Test ratings, B 84.

Each L .35 M .25 S .15 Blts (100, \$1.50).

BLACK RED—54 Series

354 ATATURK See new items, page 19.

554 MARSHALL MONTGOMERY (Salman '48) (our '48 import release) M. A seedling of Mansoer and in every respect an improvement. Color is still warmer, shining, deep maroon red. Enormous florets, wide open, slightly ruffled and of pleasing form.

Test ratings, A 90.

Each L .40 M .30 S .20 Blts (100, \$2.).

454 MAURRIE TREVAN (Both) (our '46 import release) LM. One of the darkest, if not the darkest, red in commerce. Color is substantially clean and very velvety. Spikes from bulblets and from No. 6 small bulbs have won in well filled classes including both large and giant size in big time shows. Bulblet production fairly good but not what would be termed prolific. Other habits all well above "satisfactory level." Florets are round, close to giant size and the flowerheads are extremely long, holding many open. Award of Merit, Ohio Society, '46.

Vv ratings, 84-A.

Each L .40 M .25 Blts (100, \$2.) (1000, \$15.) (Pt., \$25.).

554 MENELIK (Salman '50) (our 1950 introduction) LM. Clean black red with rosy tinge blending deeper at base of petals. Blue toned purple line on ribs. Makes stupendous, magnificent long spikes. Medium bulbs make spikes practically as big. The huge florets have thick petals that were undamaged by a protracted soggy, watersoaking period. Propagation is medium, bulblets run small but germinate well.

Vv ratings, 90-A-B.

Prices, No Discount, No 10 Rate.

Each L \$3.00 M \$2.25 S \$1.50 Blts .50.

554 MRS. R. G. ERREY (Errey) '47. M. Velvety red, very deep, faintly marked deeper. Some crooked stems in extremely hot weather. Very tall. Too tall at times. 7-10 open on 20-25 bud spikes. Easy propagator. Two F.C.C. awards down under. Our first, East Liverpool, '49.

Vv test ratings, C 86.

Each L .25 M .20 S .15 Blts (100, \$1.50).

LIGHT ROSE—60 Series

460 EIFFEL TOWER (Both '47) (our '48 import release) M. Very pale lavender blush pink, substantially unmarked but still lighter in the throat. Round, wide open florets of about 5 inches. Spikes carry 8-10 florets open, excellently placed, full double row exhibition placement. A real goliath in plant size and a strong, husky grower. Fairly good propagation. The name is a slight exaggeration, at least.

Our rating, B 80

Each L .50 M .35 S .25 Blts .05 (100, \$3.).

460 FOLKLORE (Butt '49) E. Medium deep rosy lavender, creamy white throat. Color is on the order of Coutts' Orchid but the rose is deeper, the florets smaller but opens more. For two years most of our spikes have opened an average of 8.

Test rating, B 86.

Each L \$1.00 M .60 S .40 Blts .06.

460 TIVOLI (K & M) (our '47 import release) LM. This is a wonder glad. A lovely salmon-rose pink of great character. The clean rose blends into a lighter throat. Florets around 5 inches. 8-10 open in faultless double-row outline. 8 open easily in the field on strong, straight, tall spikes. 18-20 buds. Tivoli has gained such a foothold over the entire current light rose group that we doubt if its top rating can be dislodged in the next ten years. Has been color champion at Solon, Ohio, and at Tri-State where it was also grand champion. In '50, grand champ at Oneida, N. Y. and Quebec, P. Q.

Vv test ratings, 91-AA (over-all). One of the 13 varieties to collect a double A.

Each L .12 M .08 Blts (100, \$.50). F.O.B., L per 100, \$8. M per 100, \$6.

DEEP ROSE—62 Series

462 ARISTOCRAT (Salman) (our '50 import release) M. Purplish wine red, paling slightly to an almost blue edge about $\frac{1}{8}$ inch wide. Round, smooth florets, very heavy texture. Attractive color with a minute marbling throughout. Excellent exhibition and cut flower habits. Bulblets up fast and strong. A first at Tri State (Wellsville), '49.

Entered in 590 class as classified by NAGC in '50, it won with ease at Chagrin Falls, Ohio (ours) and at Ohio (state) Cleveland, both open and R. I. sections (both ours), at Tri-State, Champaign, Ill., Quebec, P. Q., Hawkesbury and Oshawa, Ont., at which latter place growers declared the spike "sensational". But we think 462 is the more accurate classification. Vv test ratings, 462-A-89.

Each L \$1.50 M \$1.00 S .75 Blts .15.

563 HILLCREST (Brown—N. Z.) (our '48 import release) M. Shining and exotic, a rich, medium-deep rose rather heavily feathered and flecked deeper, increasing towards the edges of the petals. It has a vivid throat mark of deep cerise. 6-7 inch, wide open florets making grand exhibition spikes of gigantic size. Splendid propagator. Very healthy. Color improved when cut and bloomed indoors.

Our ratings, B 83.

Each L .25 M .20 S .15 Blts (100, \$1.50) (Pt., \$20.).

462 H. R. HANCOCK (Both) (our '43 import release) M. Clear, medium deep, violet cherry rose, with clear, creamy white throat. Very clean colors. Perfect, double row placement of 5 inch florets, even from No. 6 small bulbs. 8-11 open, balance in color, a bit crowded on a flowerhead not as stretchy as we would like to have ordered it. Substance excellent. Cut in bud, opens well to tip with very little diminution of size up the spike. A wonderful color break for the cut flower growers and it is a prolific propagator, as well. One of the most popular glads we have ever offered and now at very reasonable price.

L .15 Blts (100, \$1.) (1000, \$8.) (Pint, \$15.).

562 NEW YORK See new items, page 20.

Bulbs and bulblets priced per each. 10 sold at 8 times each rate.

3, 5 or more sold at this 10 rate. Bulblets 25 at 100 rate.

25 sold at F.O.B.-100 rate, express charges collect.

LAVENDER—66 Series

366 BENJAMIN BRITTON (K & M '48) (our '49 import release) Early. A very deep toned lavender approaching light (Rhodamine) purple (370). White pencil on lip petal. A very uncommon color. The plants are vigorous, the spikes very tall, close to 6 feet, florets around 4-4½ inches, 8 opening with ease. Has a good cutting stem and all other traits indicate high commercial value.

A. M. London RHS Test Garden.

Test ratings, A 87.

Each L .50 M .35 S .25 Blts (100 \$3.50).

566 GEORGE MAZURE (Both) '49 M. Colors vary in intensity. Fresh florets are extremely pale creamy blush, faintly tinged orchid lavender, with creamy throat. As the floret ages the lavender tinge deepens and the cream in the throat turns white. Stunning in either condition or in combination on the same spike.

Giant florets, smooth, round and flat. Bloom from bulblets ranged from 5½-7 inches and from small bulbs somewhat larger. The attachment was fair only. A beautiful giant possibly limited to exhibition use.

Our ratings, 87-B-C.

Each L \$1.00 M .75 S .50 Blts .10 (100, \$6.40).

366 KITTYHAWK (Both) (our '48 import release) M. A delicate lavender that feathers its color a bit to the edges but makes up for that by opening up to 10 florets, of medium size, around 4½ inches, in full double row formation in tall, strong spikes. Good habits and propagates well. Grand Champion at three shows in N. Z., our winter of '46-47. This is a blue toned lavender in our opinion closer to that of Minuet than Patriarch or any other to the best of our knowledge. It even carries a peppering in the throat on the order of that in Minuet.

Frequently section champion, many of them ours.

Vv test ratings, 86-A-B.

Each L .30 M .20 S .10 Blts (100, \$2.00) (1000, \$15.).

466 LAVENDER DREAM (Holland) (our '48 import release) M. A beautiful gladiolus classified lavender of very attractive bright color, really of cattleya rose violet with creamy marks. Makes tall spikes with 6 or

more open of good commercial and show quality. Has opened ten. The color is something to really exclaim about.

Vv test ratings, B 90.

L .12 Blts (100, \$1.00) (1000, \$6.).
F.O.B., L per 100, \$6.00.

566 MINSTREL (Palmer '44) M. Lavender with a pink overtone often with considerable feathering of deeper color, the amount of feathering depending much on heat and methods of fertilizing. "Butterfly" type of florets up to 7 inches, somewhat ruffled and needlepoint. Only a fair propagator with us. We do expect well grown spikes to win over Elizabeth the Queen. It did in at least 7 shows, '49.

Our ratings, B 80.

L .20 M .15 Blts (100, \$2.) (1000, \$12.50).

467 MRS. E. BURKINSHAW (Both) '48 LM.

The ground color is a medium-deep rose lavender with a much deeper contrasting blotch. The 4-5 inch florets are well placed on tall exhibition spikes. Flower heads from 2-3 feet long.

Our ratings, 85-B-C.

Each L .30 M .20 S .10 Blts (100, \$1.).

566 TUNIA'S MASTERPIECE (Both) (our '47 import release) M. Truly a masterpiece. Most perfect lavender, some occasional deeper flecks, variable, though often clear. Has a small, not very conspicuous, throat dart of medium light blue violet, edged a bit higher. Florets hard faced and glistening on a vigorous plant. Propagation only medium good. For us bulbets have made long, stretchy spikes with 19 buds, 9 open, 5½ inch florets, all about the same size.

Vv test ratings, 84-B.

Each L \$1.00 M .75 S .50 Blts .10 (100, \$6.40).

466 W. H. HOSMER (Hatch '49) M. Medium deep rosy lavender, feathered lighter. Deeper peppering on creamy throat. While the scratchy feathering pulls the color rating down close to "ordinary", friend Elmer tells me "its the one glad I've got right down your alley for exhibition blooms with 12 or more open in a weak color class." Our 1st Ohio (state), '50.

Test ratings, B 83.

Each L \$1.50 M \$1.00 S .60 Blts .12.

PURPLE—70 Series

370 HAVELOCK (Julyan) (our '48 import release) M. Medium size florets of about 4 inches, clear, rich, deep blue-violet toned purple. Strong grower and very consistent in its ability to open 8-10 on tall spikes of grand commercial quality. Good propagator.

Our ratings, 86-A-A.

Each L .20 M .15 Blts (100, \$1.50).

470 LANCASTER (Palmer '44) M. Clear, dark, velvety purple, beautifully waved and ruffled. Rates No. 15 in the last Canadian Symposium. Its lack of progress and acclaim is due only to rather poor propagation but finally we have it priced where all may have it.

Our ratings, 87-A-C.

L .15 Blts (100, \$1.).

570 VELVET DREAM (Salman) (our '50 import release) M. Velvety brownish garnet, a deep shade of violet-red purple. Silvery hair line edging. This is a real giant having 26-28 inch flower heads with 6-7 wide open, flat, round florets on long wiry stems of the Harmau and Mansoer type. Attachment is extraordinary, considering its size.

Our first N. W. Ohio (Toledo) and at Binghamton it took our own good spike of New York to beat it, '49.

A 1st at W. Va. and our 1sts at Tri-State and Toledo, '50.

Test ratings, B 87.

Each L \$1.00 M .75 S .50 Blts .10 (100, \$6.40).



WORLD BEATER

LIGHT VIOLET—76 Series

577 BLUE ICE (Butt '45) M. Light oriental blue with some feathering of the color, throat carries a deeper blue mark edged yellow. Florets about 6 inches, lightly creased and a bit ruffled, wide open, mostly single lip with top petal back. 6-8 open on tall, straight spikes.

Bulblet production fair but their germination is difficult.

Our ratings, 85-A-C.

Each L \$1.00 M .60 S .40 Blts .06.

477 RAVEL (K & M) (our '47 import release) E. Medium blue violet, deeper than Blue Ice, with a reddish brown throat mark. Makes tall, straight spikes with large florets of good substance, well placed and spaced. Unlike most blue varieties Ravel is a very healthy grower, an excellent propagator and the spikes stand up.

N.A.G.C. reports 15 firsts in '49.

Also 34 firsts in '50.

Test ratings, A 84.

Each L .12 M .08 Blts (100, \$.50) (1000, \$4.) (Pt., \$6.).

DEEP VIOLET—78 Series

378 ABU HASSAN (Holland) (our '47 import release) E. Medium size florets of velvety deep violet blue. Unlike Pelegrina, this variety stands erect on strong, slim stems. Seldom beaten now in the shows.

Our ratings, A 86.

L .12 M .10.



POLYNESIE

SMOKY—80 Series

586 FLYING FORTRESS (Wilson-Evans '43) LM (about 93 days). With great consistency, it produces the biggest bulk of flowerhead in our fields. A lavender toned smoky with carmine throat. Florets 6-8 inches, ribbed, 8-13 open on tall, extremely long flowerheads. Award of Merit by Ohio Society.

Our rating, B 81.

Each L .15 M .10 Blts (100, \$1.00).

486 GRAY SUMMIT (Butt) (our 1950 introduction) E. Very clean, smooth gray with equally clean creamy white throat. The only smoky to come within a country mile of its color rating (92) is Tunia's Mahomet (89). Pastel trailing at 84 but well ahead of the others. At excessive temperatures of 105-110 about 1% of the spikes will do some slight crooking. Otherwise, its cut flower habits appear perfect.

Very fast propagator. Vigorous, healthy plants and bulbs. Good blooms are had from the smaller sizes, 62 inches tall, opens 8 florets $4\frac{3}{4}$ inches diameter easily, 20-24 buds on 28-inch flowerheads, good cutting stems.

A first at Pa. state (Greenville), '48 and an A rating at Binghamton, '49.

Our 1sts at 3 Ohio shows, '50.

Test ratings, A 92.

Each L .50 M .35 S .20 Blts .03 (100, \$2.).

486 PASTEL (Both) (our '42 import release) L. This is the perfect pastel blend smoky. Rosy, velvety gray, with petals widely edged steel blue. Color is soft, smooth without glitter. $4\frac{1}{2}$ -5 inch florets, round petalled, wide open. In the excitement over the larger Tunia's Mahomet, this grand variety should not be overlooked. Few persons expect to find real quality of color in the "smokies," with their gray tones. Our ratings, B 84.

Each L .15 M .10 Blts (100, \$.50).

586 TUNIA'S MAHOMET (Both) (our '43 import release) E. Probably the most popular dark colored variety we have ever marketed. A color description sounds variegated, whereas, in fact, the colors smooth out in extremely dark, velvety fashion. We would call it very deep, velvety, smoky plum rose with orange scarlet in throat. Seven inch florets, 7 open with almost no diminution in size up the stem with relative ease.

Our ratings, 89-A-B.

Each L .12 Blts (100, \$.50).

582 TUNIA'S WIZARD (Both '47) (our '48 import release) M. Mr. Both says 12-inch florets are well within its compass. The color is not very far removed from that of Tunia's Mahomet. The throat is lighter and more orange, the scarlet on lip petals more prominent. The size of floret is substantially maintained up the spike to the 8th open floret. All of the florets appear to be of the preferred "inverted" type (single lip, top petal to rear).

Plant growth very powerful. Though having no bulbs over size 4 unsold to plant, we had a spike with $8\frac{1}{4}$ inch floret for largest floret at Tri State. Test ratings, B 84.

Each L \$2.00 M \$1.50 S \$1.00 Blts .15.

ANY OTHER COLOR—90

390 PINOCCHIO (Evans '40) very early. A true novelty gladiolus. Color is a novelty blending of pink, yellow, green, orange and red without any emphatic preponderance. At a distance the yellow, orange and red give it a prevailing orange tone but classifiers decided the 90 series applied. Florets are of heavy texture, 3½-4 inches, round, 5-7 wide open, intensely ruffled and fluted. Placement is airy on stretchy spikes 50 inches high. Flower-head 24 inches on wiry stem well above the foliage which is short. Good propagator, bulblets run large, most of them bloom. Has won hundreds of awards with more than its share of special awards, section champ, most ruffled and Award of Merit, Ohio Society.
Our ratings, B 84.
L .10 Blts (100, \$1.).

590 TUNIA'S ATOMIC BURST (Both '46) (our '48 import release) M. Vivid bronzy red with a slight smoky over-

cast on the three inner petals. Some radiant streaks of deeper color at outer edge undoubtedly helped to suggest the name. Makes full double row placement, well faced, stupendous spikes with much bud color, bursting open quickly up to 10 huge florets. It looks destined to top the 590 section as soon as stocks are available. Our ratings, 84-A-B.

Each L .50 M .35 S .25 Blts .05 (100, \$3.).

590 TUNIA'S ELITE (Both) (our '47 import release) EM. Seven inch and larger, giant, round, wide open florets. A bit ruffled. The color is a bronzy orange, edged smoky orange, with prominent throat marking of fiery orange red. The substance is good and the florets are held rigidly on tall, strong stems. Good propagator.

The more we see of this variety the better we like its wonderful autumn coloring and powerful growing habits.

Our ratings, 84-B-A.

Each L .25 M .20 S .12 Blts (\$100, \$1.50) (1000, \$10.) (Pt., \$15.).

WHITE ELEPHANT SALE

None in substantial supply. These we no longer need for many various reasons. Some we abandon, having listed better. Some on trial, inferior to those listed. Some very good but in too small supply to list and to do so would cause no end of refunds.

Some sold so well we have not enough left to warrant listing, etc.

Prices are as you find them listed in other reputable catalogs. Sizes available we mention. "B" for bulblets.

Ace of Hearts	431	L	M	S	B
Animation	550	L	M	B	
Aureole	410	L	M	S	B
Aussie	536	L	M	B	
Barb. Scott (Sal.)	500	L	M	B	
Battledress (few)	417	L	M	S	B
Bernard Shaw	540	L		B	
Blaire Marguerite	432	L	M	B	
DeGrysaard	490	L	M	S	B
Destiny	536	L		B	
Doris Hancock	442	L	M	B	
Dr. Pryor	551	L	M	S	B
Edith Elliott	400	L	M	B	
Eldorado (Coombs)	532	L		B	
Eliz. K. Both	530	L	M	B	
Expanse	540	L	M	S	B
Fay (Both)	316	L	M	S	B
Fred Parker	582	L	M	B	
Fred Tucker	431	L	M	B	
Frohsinn	253	L	M	S	B
Golden Favorite	512	L	M	S	B
Golden Ophelia	412	L	M	S	B

Grand Monarch	562	L		B	
Huldelehn	532	L		B	
Jack Frost (Jensen)	400	L	M	B	
Java	512	L	M	B	
Jeanette White	431	L	M	B	
Joe Stalin	406	L	M	B	
Keith	582	L		B	
King of Blacks	554	L		S	B
Lava	336	L		B	
Lilac Time	567	L		B	
Lily White	400	L	M	B	
Margraten	400	L	M	S	B
Memorial Day	570	L		B	
Morning Kiss	500	L		B	
Mrs. A. B. Street	536	L	M	B	
Mrs. D. Both's Mem.	500	L	M	S	B
Mt. Kosciusco	500	L	M	S	B
Oberbayern	379	L		B	
Orchid Giant	566	L	M	S	B
Rialgar	416	L	M		B
Sequin	410	L		S	B
Siboney	566	L	M	S	B
Sister O'Callaghan	450	L	M		B
Spitfire	432	L	M		B
Stapleford	471	L	M		B
Stratosphere	506	L	M		B
Strawberry Peach	533	L		B	
Sub Deb	200	L		B	
Tehema	278	L	M		B
Tunia's Aristocrat	585	L	M	S	B
Tunia's Snowball	300	L	M	S	B
Tunis	430	L	M	S	B
Venida	460	L	M		B
Violet Dickinson	501	L		S	B
White Christmas	500	L	M	S	B
White Wings	500	L	M	S	B

CULTURE

Both the N.E.G.S. and the N.A.G.C. issue Cultural leaflets. Inquire of their secretaries for copies. See page 35.

Increased data in fore part of our Guide Book, together with more new varieties than usual, have all but wiped out the space usually devoted to cultural directions. So, this year we will retain only some pertinent highlights.

Simple as can be. Inexpensive, too. Plant healthy, young bulbs of the large size of varieties currently winning first prizes in the major shows of the world. Soil prepared in the fall with heavy applications of well rotted cow manure and bone meal is excellent. Avoid horse manure in any season. Plant in the sunniest location possible. Preferably in a group planting by themselves. They can be at their best in rows among the vegetables.

Plant large bulbs 5 inches deep, medium bulbs 4, small bulbs 3 and bulblets 2. If soil is extremely sandy plant somewhat deeper. If very heavy, somewhat less deep. For best bloom production set bulbs apart in row roughly about 4 times their diameter. Sow bulblets thickly, like peas. Distance between rows as little as will permit of your particular method of cultivating, weeding, etc.

If a heavy application of cow manure (3 to 6 inches deep) and coarse bone meal (25-30 lbs. to 500 sq. ft.) was applied in the fall and the ground left rough, no more fertilizing need be done the following year or two.

A plump bulb of 1½ inches diameter has plenty food to start production of a show specimen spike.

Above all we beg our readers not to put off inspecting the plants for thrips infestation until blooms appear. If they already have a good foothold at that time you may have a very discouraging task on your hands.

We recommend preventive spraying, once every 10 days after plants are up 6 or 8 inches until blooming. In any event, have your insecticide on hand to use if needed.

The thrips problem is now satisfactorily solved—a great blessing to all concerned.

We are through with NAPTHALENE FLAKES for gassing bulbs in storage . . . through with TARTAR EMETIC and its necessary "sweets" accompaniment for plant spray . . . through with CORROSIVE SUBLIMATE (bichloride of mercury) bulb soaking as a prerequisite to planting, using it only where a particular batch of bulbs show some definite signs of some disease to be corrected or where bulbs about to be planted show live thrips infestation and an overnight kill of both thrips and eggs must be obtained. Or to control scab.

For dusting bulbs in storage. The sooner the better after dug and roots relatively dry. If not dry in a week it is not nearly so important as getting the bulbs dusted promptly to prevent thrips from crawling down the short stem to the crown of the bulb where dust may never penetrate. D. D. T. does not gas them like napthalene flakes. Use any D. D. T. dry dusting powder 1 to 3 per cent strength is enough . . . over 5 per cent a sheer waste of money and increase of possible human hazard by inhalation.

Where obtainable, if D.D.T. dusting powder contains rotenone (or pyrethrum or tobacco dust), this is desirable to kill plant lice (D.D.T. does not) which carry virus infections from peas, beans, etc.

If D.D.T. dust is 3% or more it is desirable to add equal weight of common sulphur dust, whether the dust is to be used on the bulbs or on the plants, to prevent fungus diseases.

If you grow peas or beans, very desirable both for them and the glads that you dust them with this triple formula.

If you use D. D. T. liquid spray, the wettable powder form is much safer (to you) than the liquid forms offered unless the label on the liquid clearly states that it carries no oil or oil emulsion base. Use either the wettable powder or liquid spray at the formula rate suggested on the label. If several strengths are suggested for various kinds of plants or pests, adopt the strongest formula.

A WORD TO THE WISE

Disappointment can be minimized by leaving to the highly trained gladiolus specialist the experimentation and cash investment necessary to try out all the new offerings of the many hybridizers.

We have no knowledge of the existence of any other gladiolus catalog in the world that even closely approaches so exclusive a list of new material subjected to unbiased, competent testing and found to be of high over-all rating with the inferior new material carefully screened out.

Also, it is well to leave to the federal, state and university entomologists, pathologists and to gladiolus specialists cooperating with them, the determination of best usages for the control of insect pests and bulb and plant diseases. Experimentation by others with poisons, poisonous gases and with insecticides, the component parts of which are not understood by the user, and with unapproved methods of fertilization, usually leads to trouble.

ORDER BLANK
HERBERT O. EVANS
SOLON, OHIO

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6

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No Sales Tax in Ohio on Gladiolus Bulbs

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Blank for additional items.**

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ORDER BLANK—Continued

Total Amount Enclosed →

SHALL WE SUBSTITUTE? If cannot supply kind ordered, shall we send another of equal or superior quality, subject to your approval? We are so careful and liberal when making substitution that we have yet to receive the first complaint! Answer is particularly desirable if order comes in late season.

Your answer

Any suggestions about extras other than those selected for discount? By overcount?
By oversizing? By varieties other than those ordered?

If latter, suggest a few.

Remarks:

ORDER BLANK
HERBERT O. EVANS
SOLON, OHIO

Name _____

Amount Enclosed

Please write plainly

\$ (Currency is unsafe)

Street.

(Currency is unsafe)

P. O. Box

R. D. No.

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Date

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195

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By oversizing? By varieties other than those ordered?

If latter, suggest a few

Remarks:

GLADIOLUS SOCIETIES

In the U. S. the New England Gladiolus Society ("A") has affiliations with 27 state and regional societies, 3 of them in Canada.

In U. S. is also the North American Gladiolus Council ("B") organized in 1945 to assume many functions of a U. S.-Canadian federation, having affiliations with 43 state and provincial societies and two Canadian commercial growers groups.

In Canada the Canadian Gladiolus Society ("C") has affiliations with 27 provincial, regional or district societies and with the Ohio and Pennsylvania societies as well.

To conserve space on this page these major societies will be designated A, B, C, respectively.

Affiliated with A, B, and C:—Ohio, Pennsylvania and Vancouver.

Affiliated with A, C:—Calgary, Winnipeg and Victoria.

Affiliated with A, B:—Blue Ridge, East Bay, Empire State, Ill., Iowa, Maine, Mich., Minn., Ohio, Okla., Nebr., Pacific N. W., Tri State, So. Calif., S. W. Va., Utah, Wash., W. Va., Wis., and Yakima Valley, (Wash).

Affiliated with A only:—Mont., and Verdun (Que.).

Affiliated with B only:—C. G. S., Conn., Del., Dominion Gladiolus Federation of N. Z., E. Liverpool, E. N. Y., Ind., Keystone, N. J., Md., Mo., No. Calif., R. I., S. E. Mich., Texas, W. Mass.

Affiliated with B and C only:—Catawba Valley, Hamilton Dist., Niagara Peninsula, No. Vancouver, Ottawa Dist., Quebec and Saskatoon.

Affiliated with C only:—Edmonton, Fredericton, Guelph, Hawkesbury, Kindersley, Lethbridge, Moncton, Moose Jaw, North Bay, Oshawa, Prince Albert, Regina, Simcoe, Stratford Thunder Bay, Truro and Wilkie.

Publications: A has 250-page year book and 6 magazines of about 64 pages each. B has 4 Quarterly Bulletins of about 125 pages each. C has 200 page year book especially valuable for its symposium rating of some 800 varieties.

Make up your own combination subscriptions or "memberships". The local society dues are \$1.00 unless otherwise indicated.

To combine A, add \$2.25. To combine with B, add \$1.00. To combine with C, add \$1.00. All joint or "affiliated" membership dues are payable only to the local society. Examples: IA. (\$1.) x B (\$1.) is \$2. or Ill. (\$1.) x A (\$2.25) is \$3.25.

British. Annual. 10/6. Address the Hon. Sec'y, "Marokko," 165 Lynton Road, Harrow, Middlesex, England.

Canadian. Year Book. \$2.00. Sec'y Mrs. J. A. Carleton, 166 Willow Rd., Guelph, Ontario, Canada.

Empire State. \$1.50, 8 Bulletins. Sec'y Gordon R. McKenny, 44 Canisteo St., Hornell, New York.

Illinois. Quarterlies. Sec'y Ralph E. Kircher, 1419 West Edwards St., Springfield, Ill.

Indiana. \$2.00. Four Bulletins. Sec'y Harley R. Ball, 1506 East 80th street, Indianapolis 20, Ind.

Iowa. Irregular Bulletins (4-12) Sec'y Wm. H. Collins, State House, Des Moines, Ia.

Maine. Annual. Sec'y Mrs. George J. Walenta, South China, Maine.

Michigan. \$1.00 This year new members will receive a 64-page booklet, the best current treatise to be had on Gladiolus Diseases, published by Michigan State College. A bargain, if interested. Sec'y Howard F. Gross 2579 Parkwood Ave. East Ann Arbor, Michigan.

Minn. \$1.50; 3 Bulletins, 10 issues Minn. Horticulturist, Secretary Henry Elieff, R 4, Wayzata, Minn.

New England. Year Book and 6 Magazines \$3.00. Address Membership Sec'y, Horticultural Hall, Boston 15, Mass.

N. J. \$1.50, 4 Bulletins Sec'y W. I. Larson, Box 253, Laurel Springs, N. J.

New Zealand Glad. Federation. 5/. Four Bulletins. Sec'y, E. McGhie, Gloucester St., Silverstream, N. Z.

North American Gladiolus Council. Subscription to Quarterly \$1.50. Sec'y A. Bazdorff, Lincoln Park, N. J.

No. Calif. Monthly Bulletins. Address Sec'y, c/o Sacramento Garden Center, 3301 H. St., Sacramento, Calif.

OHIO. Quarterly Bulletins. With A, \$3.25; With B, \$2.00; With C, \$2.00; With AB, \$4.25; With BC, \$3.00; With AC, \$4.25; With ABC, \$5.25 (a saving of \$2.25). PAYABLE ONLY THROUGH OHIO SEC'Y W. W. Wood, Rudolph, Ohio.

Ottawa. Annual. Sec'y A. R. T. Buckley, 592 McLeod St., Ottawa, Ont.

S. E. Mich. Quarterly Bulletins. Sec'y Charles V. Leaman, 5948 Schuman St., Garden City, Mich.

So. California. Monthly Bulletins. Sec'y Fred B. Chase, 11141 Freeman Avenue, Inglewood, California.

Wisconsin. \$1.25. Includes the very fine monthly magazine "Wisconsin Horticulture," Sec'y Mrs. Lenora Piepkorn, Plymouth, Wis.

COLOR CHART

The mounted Fischer Color Chart (108 color blocks) is again available. Send us \$2.00 and we will have one shortly in your hands with printed instructions, postpaid.

FREE BULBS

Here is how. This offer is only to secure new members, not renewals and cuts your membership fee in half, as you will readily see.

To all customers, sending first Retail orders of \$7 cash and up. If you will also transmit to us your check or money order made out to any of the above societies, in the full amount for one year new membership fee, we will transmit same to such society and you may add to your order bulbs of your own selection from our catalog (at list prices, no further discounts) to the amount of one-half of such membership fee.

Illustration: A customer sends in \$7, or larger retail order and selects the

Ohio-Canadian affiliation, enclosing \$2.00 made payable to the Ohio society. He selects and adds to his order \$1.00 worth of bulbs (at list prices), without charge. We do the rest.

FREE MEMBERSHIP

To all customers, including foreign, whose purchases at Retail net \$25 or more, provided such customer is not already a member, we will give a paid-up one-year membership in the Canadian Gladiolus Society and the Ohio State Gladiolus Society. Or the \$2.00 mounted Fischer Color Chart.

This page is not a gesture. It has been costing us in the neighborhood of \$300.00 in cash and bulbs for many years.

CLASSIFICATION INDEX

A booklet of about 24 pages, indentifying size, color, originator, year first available via U. S. price lists and number of days to bloom. About July 1st send 15 cents to secretary N. A. G. C. for 1951 edition.

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<i>Flying Fortress</i> ----- 32	<i>New York</i> ----- 20	<i>Tunia's Wizard</i> ----- 32
<i>Folklore</i> ----- 29	<i>Ostrich Feather</i> ----- 27	<i>Velvet Dream</i> ----- 31
<i>Garden Gold</i> ----- 22	<i>Pactolus</i> ----- 24	<i>Vrede</i> ----- 21
<i>General Eisenhower</i> ----- 27	<i>Palette</i> ----- 20	<i>W. H. Hosner</i> ----- 30
<i>George Mazure</i> ----- 30		<i>World Beater</i> ----- 23